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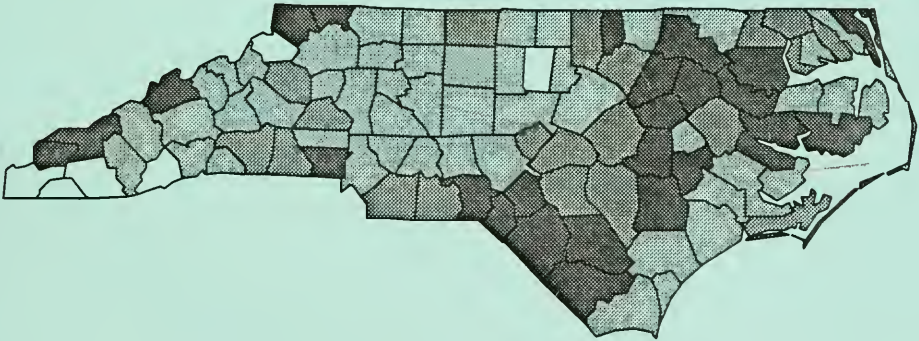
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State Center for Health
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North Carolina VITAL STATISTICS Volume 2-1993



LEADING CAUSES OF MORTALITY



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LEADING CAUSES OF MORTALITY

**North Carolina
Vital Statistics
1993-Volume 2**



State Center for Health and Environmental Statistics
N.C. Department of Environment, Health, and Natural Resources

STATE OF NORTH CAROLINA

James B. Hunt, Jr., Governor

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES

Jonathan B. Howes, Secretary

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS

Delton Atkinson, M.S.P.H., M.P.H., Director



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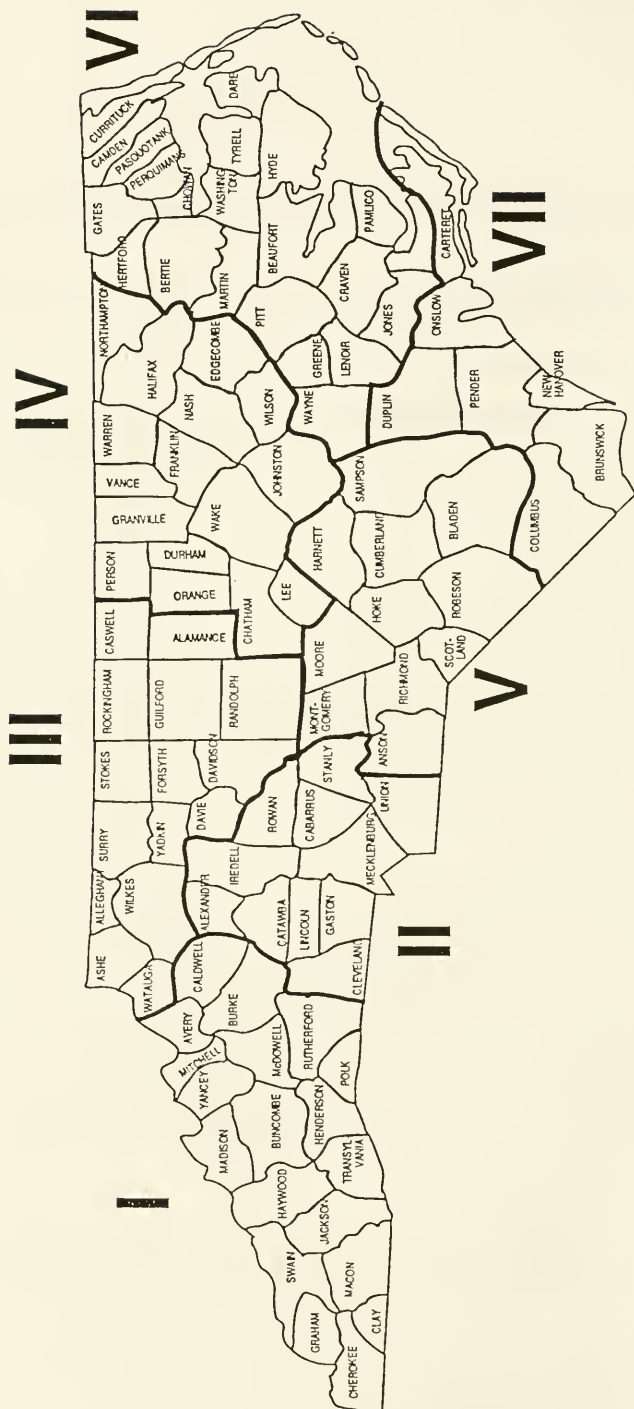
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TABLE OF CONTENTS

	<u>Page</u>
FIGURE 1—Department of Environment, Health, and Natural Resources Regions	iv
PREFACE	v
I. COMPUTATION OF MORTALITY RATES	1-1
II. INTERPRETATION OF MORTALITY RATES	2-1
III. CAUTION ABOUT UNSTABLE RATES	3-1
IV. TABLES AND FIGURES: MORTALITY STATISTICS FOR 1989-93	
Cause of Death	4-3
Sex-Specific Cause of Death	4-4
General Mortality	4-5
Diseases of the Heart	4-8
Cerebrovascular Disease	4-11
Atherosclerosis	4-14
Cancer	4-17
Cancer of Colon, Rectum, and Anus	4-20
Cancer of Trachea, Bronchus, and Lung	4-23
Cancer of Female Breast	4-26
Cancer of Prostate	4-29
Acquired Immune Deficiency Syndrome	4-32
Septicemia	4-35
Diabetes Mellitus	4-38
Pneumonia and Influenza	4-41
Chronic Obstructive Pulmonary Disease	4-44
Chronic Liver Disease and Cirrhosis	4-47
Nephritis, Nephrotic Syndrome, and Nephrosis	4-50
Unintentional Motor Vehicle Injuries	4-53
Unintentional Injuries Excluding Motor Vehicle	4-56
Suicide	4-59
Homicide	4-62
Infant Mortality	4-65

FIGURE 1

NORTH CAROLINA

DEPARTMENT OF ENVIRONMENT, HEALTH,
AND NATURAL RESOURCES REGIONS

PREFACE

This edition of *Leading Causes of Mortality* describes North Carolina's mortality experience for 1993 and for the latest 5-year period, 1989-93. A companion volume, *Detailed Mortality Statistics*, provides 1993 counts of deaths classified according to detailed underlying causes of death and the age, race, and sex of decedents.

The tables and maps in this report show selected mortality statistics for counties, Department of Environment, Health, and Natural Resources regions, and the state (see map on preceding page). More than a dozen of North Carolina's leading causes of death are depicted in these tables and maps. In addition, major site-specific cancers and total infant mortality are also tabulated and mapped. Tables 1.A and 1.B on pages 4-3 and 4-4 describe the selected cause-of-death categories in terms of codes from the International Classification of Diseases (Ninth Revision). Altogether, the causes included in this report accounted for 84.5 percent of all North Carolina deaths during 1993.

Based on a survey of users of this volume, it was determined that the multiple conditions present at death data were seldom used. Therefore, that section has been omitted from this edition. Multiple conditions data are, however, available upon special request to the State Center for Health and Environmental Statistics.

IN USING THIS VOLUME PLEASE NOTE THE SECTIONS ON INTERPRETATION OF MORTALITY RATES (*Section II*) AND CAUTION ABOUT UNSTABLE RATES (*Section III*).

I. COMPUTATION OF MORTALITY RATES

In this report, general mortality rates are expressed as resident deaths per 1,000 population, while all cause-specific mortality rates are expressed as resident deaths per 100,000 population. All rates in Tables 1-21 use total population in the denominator, except rates for the sex-specific cancer sites, which use male or female population in the denominator. Population bases for these rates were provided by the Office of State Planning in the Governor's Office. The infant mortality rates of Table 22 and Figure 22 are computed as the number of resident deaths under one year of age per 1,000 resident live births.

Deaths in this report are assigned to place of residence. For deaths of people in long-term institutions (mental, penal, old age, orphan, nursing home, rest home, etc.), the institution is considered the usual residence provided the decedent had resided in the institution at least one year. College students and military personnel are considered residents of the college or military community.

The following definitions apply to the rates of this report:

Unadjusted Annual Death Rate: the annual death rate computed as resident deaths per 1,000 or 100,000 population. These rates reflect an area's status according to the observed deaths during the given year.

Unadjusted 5-Year Death Rate: the average annual death rate computed as average resident deaths per 1,000 or 100,000 average population. These rates give an area's status with respect to the observed deaths during the 5-year period. These rates are depicted in the Series A maps (e.g., Figures 2.A, 3.A).

Adjusted 5-Year Death Rate: the average annual age-race-sex-adjusted rates computed by the direct method. Also expressed as deaths per 1,000 or 100,000 population, these rates are those that **would be expected** if the average annual age, race, and sex composition of each county's population were the same as that estimated for the state in 1980. These rates are free of differing effects of age, race, and sex, offering knowledge of an area's status with respect to other factors of mortality during the 5-year period. However, the user should not compare an adjusted death rate to an unadjusted death rate. Also, adjusted rates for different time periods cannot be directly compared unless they were adjusted by the same standard population. The adjusted rates since the 1986-90 time period use the 1980 North Carolina population as the standard. This permits rates to be compared over time beginning with the 1986-90 5-year rate. Adjusted rates are depicted in the Series B maps (e.g., Figures 2.B, 3.B). [Note: For the two sex-specific cancer sites (female breast and prostate), rates are adjusted for age and race, and denominators are sex-specific.]

For the maps, a clustering routine* from the Statistical Analysis System (SAS) was used to group counties that are "most like each other" with respect to their unadjusted and their adjusted rate. These maps show five levels of death rates, where level one is the lowest rate interval and level five the highest.

A word of caution: Rates for sex-specific cancers (e.g., prostate) use male or female population in the denominator and therefore are not comparable to other rates. Thus, in ranking the causes of death—for example, in ranking the leading cancer sites—one must use the observed numbers of deaths rather than the rates.

*In 1983 the State Center for Health and Environmental Statistics conducted an evaluation of several clustering methods. It was found that the "Average Linkage Method" produced tighter clusters (i.e., clusters with smaller within-cluster variances) than the other methods examined. Consequently, this method is used to cluster county rates in this publication.

II. INTERPRETATION OF MORTALITY RATES

To assess an area's relative mortality conditions during a 5-year period, both the unadjusted and the adjusted rate can be compared to the corresponding state rates for a particular cause of death. This, of course, should not be done if the area's unadjusted rate had fluctuated widely in recent years. The rate should represent a relatively stable situation. Then, the following alternative interpretations will apply:

Relative Status Of Unadjusted Rate	Adjusted Rate	Interpretation of Unadjusted Rate
Low	Low	Low mortality is not due to age, race, and sex factors; other mortality conditions are favorable.
Low	High	Low mortality is due to favorable age, race, and sex factors; other mortality conditions are unfavorable.
High	Low	High mortality is due to unfavorable age, race, and sex factors; other mortality conditions are favorable.
High	High	High mortality is not due to age, race, and sex factors; other mortality conditions are unfavorable.

In using adjusted rates, it is important that the user understand the reason for adjustment. Example: A and B stand for population subgroups, e.g., whites and nonwhites, males and females, etc.

	County			State		
	Population	Deaths	Death Rate*	Population	Deaths	Death Rate*
Population A	300,000	1,000	333.3	500,000	2,500	500.0
Population B	10,000	10	100.0	800,000	1,000	125.0
Total	310,000	1,010	325.8	1,300,000	3,500	269.2

*Deaths per 100,000 population.

Compared to the state, county subgroups A and B both have lower rates, but the county as a whole (A and B combined) has a higher rate. This seemingly paradoxical situation results from two factors: different proportions of A and B in the county vs. the state population and wide differences between the rates for A vs. B. In this example, it is true that the county has the higher total rate—BUT ONLY BECAUSE THE POPULATION CONTAINS A HIGH PROPORTION OF SUBGROUP A.

Certainly, it is important for program planners to know that the county has a high rate relative to the state rate; this information is needed in determining manpower, facility, and related needs. But in assessing "risk," the researcher needs to adjust for confounding factors such as age or race. To do this, multiply each population-specific county rate by the corresponding "standard" population, sum these results, and divide by the total "standard." In the above example, using the state population as the standard, the computation is:

$$\frac{(1000/300,000 \times 500,000) + (10/10,000 \times 800,000)}{1,300,000} = 0.001897 \text{ or } 189.7 \text{ per } 100,000 \text{ population}$$

Thus, as rates specific for A and B imply, the county's rate is lower than the state's rate after adjustment for the factor represented by A and B.

Caution!

In assessing the relative mortality conditions of a county, be particularly aware of rates based on small numbers of deaths since, in such cases, random fluctuation in the rate may render rate comparisons risky. The reader should read very carefully the next section entitled "Caution About Unstable Rates."

III. CAUTION ABOUT UNSTABLE RATES

Any rate with a small number of events (deaths) in the numerator will have substantial random variability over time, or a large standard error. A useful rule of thumb is that any rate based on fewer than 20 events in the numerator may involve serious random error and should be used very cautiously in making comparisons or assessing trends. Many of the rates in this volume do have numerators smaller than 20.

In addition to the problem of a large standard error in death rates due to a small numerator, the age-race-sex-adjusted rates in this volume may be unstable because of small age-race-sex population groups. One death out of an estimated population of five, for example, would produce a death rate of 20,000 per 100,000 population. If this rate were applied to the appropriate age-race-sex group of the standard population, a very large number of expected deaths would result and the adjusted rate would be extremely high. On the other hand, zero deaths in several population groups may result in a very low age-race-sex-adjusted rate. Counties with a very small nonwhite population, predominantly in western North Carolina, are particularly subject to extreme age-race-sex-adjusted rates (high or low) due to small age-race-sex-specific population groups. Unusually high or low rates in this volume should, therefore, be interpreted with caution.

IV. TABLES AND FIGURES: MORTALITY STATISTICS FOR 1989-93

TABLE 1.A
MORTALITY STATISTICS FOR 1993 AND 1989-93
ALL NORTH CAROLINA RESIDENTS

Cause of Death - Ninth Revision International Classification of Diseases	Number of Deaths 1993	Five-Year Total 1989-93	Death Rate 1993	Five-Year Death Rate 1989-93
All Causes	62,435	295,387	9.0	8.8
Diseases of Heart	(390-398,402,404-429)	94,618	277.0	280.4
Cerebrovascular Disease	(430-438)	23,020	69.0	68.2
Atherosclerosis	(440)	1,857	6.0	5.5
Cancer	(140-208)	67,860	207.4	201.1
Lip, Oral Cavity, and Pharynx	(140-149)	1,205	3.6	3.6
Stomach	(151)	1,693	4.8	5.0
Colon, Rectum, and Anus	(153,154)	6,855	20.6	20.3
Liver	(155)	950	3.1	2.8
Pancreas	(157)	3,390	10.1	10.0
Larynx	(161)	495	1.3	1.5
Trachea, Bronchus, and Lung	(162)	20,027	62.1	59.3
Malignant Melanoma	(172)	963	3.0	2.9
Bladder	(188)	1,197	3.8	3.5
Brain Tumors	(191,225,237)	1,807	6.0	5.4
Non-Hodgkins Lymphoma	(200,202)	2,382	7.1	7.1
Leukemia	(204-208)	2,376	7.2	7.0
Acquired Immune Deficiency Syndrome	(042-044)	812	2.725	8.1
Septicemia	(038)	2,823	8.9	8.4
Diabetes Mellitus	(250)	7,143	22.6	21.2
Pneumonia and Influenza	(480-487)	9,957	33.0	29.5
Chronic Obstructive Pulmonary Disease and Allied Conditions	(490-496)	11,468	40.7	34.0
Chronic Liver Disease and Cirrhosis	(571)	3,511	9.2	10.4
Nephritis, Nephrotic Syndrome, and Nephrosis	(580-589)	2,856	8.4	8.5
Unintentional Motor Vehicle Injuries	(810-825)	7,160	20.4	21.2
All Other Unintentional Injuries and Adverse Effects	(800-807,826-949)	7,238	20.6	21.4
Suicide	(950-959)	4,326	12.0	12.8
Homicide	(960-978)	4,054	12.7	12.0

TABLE 1.B
SEX-SPECIFIC MORTALITY STATISTICS FOR 1993 AND 1989-93
NORTH CAROLINA MALE AND FEMALE RESIDENTS

Cause of Death - Ninth Revision International Classification of Diseases	Number of Deaths 1993	Five-Year Total 1989-93	Death Rate 1993	Five-Year Death Rate 1989-93
Cancer				
Female Breast	(174)	5,620	33.5	32.3
Cervix Uteri	(180)	686	3.9	3.9
Ovary and Other Uterine Adnexa	(183)	1,643	9.2	9.5
Prostate	(185)	4,812	30.0	29.4

Note: The death rates of this table cannot be compared to those of Table 1.A because the denominators here are sex-specific. Therefore, in ranking the causes of death—for example, in ranking the leading cancer sites—one must use the observed numbers of deaths.

TABLE - 2
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
GENERAL MORTALITY

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	62435	9.0	295387	8.8	7.5
REGIONS					
D.E.H.N.R. I	8172	10.8	38540	10.4	7.3
D.E.H.N.R. II	12665	8.6	60122	8.4	7.7
D.E.H.N.R. III	12963	9.3	61441	9.0	7.4
D.E.H.N.R. IV	11384	8.2	54068	8.1	7.4
D.E.H.N.R. V	6665	8.7	31119	8.4	7.9
D.E.H.N.R. VI	6323	9.8	30293	9.5	7.9
D.E.H.N.R. VII	4263	8.2	19804	7.9	7.6
COUNTIES					
1 ALAMANCE	1172	10.4	5480	10.0	7.4
2 ALEXANDER	238	8.2	1117	7.9	7.2
3 ALLEGHANY	106	11.1	553	11.4	8.2
4 ANSON	291	12.2	1362	11.6	7.9
5 ASHE	321	14.3	1237	11.1	8.5
6 AVERY	165	11.0	756	10.1	7.1
7 BEAUFORT	552	12.9	2495	11.7	8.4
8 BERTIE	216	10.6	1198	11.8	8.5
9 BLADEN	395	13.4	1666	11.5	8.7
10 BRUNSWICK	508	8.9	2420	9.1	7.3
11 BUNCOMBE	1917	10.5	9356	10.5	7.4
12 BURKE	717	9.1	3411	8.9	7.4
13 CABARRUS	910	8.7	4417	8.7	7.3
14 CALDWELL	636	8.8	3065	8.6	7.7
15 CAMDEN	61	10.2	287	9.7	7.4
16 CARTERET	522	9.3	2541	9.4	7.8
17 CASHWELL	212	10.0	1042	10.0	7.1
18 CATAWBA	1046	8.5	5218	8.7	8.0
19 CHATHAM	413	10.1	1830	9.2	6.8
20 CHEROKEE	220	10.4	1097	10.7	6.5
21 CHOWAN	185	13.4	842	12.3	7.7
22 CLAY	83	11.0	372	10.2	6.0
23 CLEVELAND	920	10.6	4305	10.1	8.0
24 COLUMBUS	575	11.5	2778	11.1	8.8
25 CRAVEN	710	8.5	3221	7.8	7.3
26 CUMBERLAND	1734	5.9	8107	5.8	8.1
27 CURRITUCK	141	9.6	664	9.4	8.5
28 DARE	220	9.2	888	7.7	7.3
29 DAVIDSON	1131	8.7	5340	8.3	7.3
30 DAVIE	287	10.0	1217	8.6	6.9
31 DUPLIN	469	11.3	2244	11.0	8.4
32 DURHAM	1545	8.2	7446	8.0	7.3
33 EDGEcombe	656	11.6	3068	10.8	9.0
34 FORSYTH	2528	9.3	12221	9.1	7.5
35 FRANKLIN	408	10.4	1874	9.9	7.8
36 GASTON	1690	9.6	8216	9.3	8.4
37 GATES	119	12.5	523	11.1	8.1
38 GRAHAM	91	12.3	383	10.6	8.6
39 GRANVILLE	404	10.0	1959	10.0	8.1
40 GREENE	132	8.3	658	8.4	7.1
41 GUILFORD	3202	8.9	15418	8.8	7.4

* General mortality rates in this table are expressed per 1,000 population; all other cause-specific death rates in this volume are expressed per 100,000 population (See Sections I and II).

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
GENERAL MORTALITY CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	622	10.9	3252	11.6	8.4
43 HARNETT	647	8.9	3015	8.7	7.8
44 HAYWOOD	577	11.8	2631	11.0	7.4
45 HENDERSON	934	12.7	4351	12.3	6.9
46 HERTFORD	254	11.4	1350	12.0	7.9
47 HOKE	189	7.7	953	8.2	8.2
48 HYDE	68	12.6	343	12.6	8.6
49 IREDELL	939	9.5	4380	9.2	7.4
50 JACKSON	250	9.0	1197	8.8	6.9
51 JOHNSTON	856	9.7	3940	9.4	8.1
52 JONES	103	10.9	445	9.5	7.1
53 LEE	425	9.7	2017	9.5	8.0
54 LENOIR	669	11.4	3192	11.0	8.6
55 LINCOLN	460	8.7	2084	8.1	7.4
56 MCDOWELL	369	10.2	1783	9.9	7.6
57 MACON	309	12.4	1409	11.7	6.1
58 MADISON	233	13.5	970	11.4	8.7
59 MARTIN	264	10.4	1407	11.1	8.3
60 MECKLENBURG	4027	7.3	18823	7.2	7.3
61 MITCHELL	178	12.3	841	11.7	7.4
62 MONTGOMERY	215	9.2	1115	9.5	7.6
63 MOORE	693	11.1	3267	10.8	6.7
64 NASH	801	9.9	3810	9.8	8.3
65 NEW HANOVER	1182	9.1	5411	8.7	7.5
66 NORTHAMPTON	237	11.6	1282	12.4	7.5
67 ONSLOW	664	4.4	2973	4.0	7.5
68 ORANGE	575	5.7	2791	5.8	6.4
69 PAMLICO	131	11.3	647	11.3	7.2
70 PASQUOTANK	344	10.5	1611	10.2	7.8
71 PENDER	343	10.5	1437	9.5	7.3
72 PERQUIMANS	123	11.6	614	11.8	7.3
73 PERSON	326	10.6	1488	9.8	7.3
74 PITT	898	7.8	4398	8.0	7.9
75 POLK	215	14.2	1081	14.7	7.5
76 RANDOLPH	957	8.5	4439	8.2	7.3
77 RICHMOND	536	12.0	2478	11.1	8.7
78 ROBESON	1023	9.4	4911	9.2	8.8
79 ROCKINGHAM	932	10.7	4421	10.3	7.8
80 ROWAN	1247	10.9	5867	10.5	7.6
81 RUTHERFORD	698	12.1	3084	10.8	7.9
82 SAMPSON	553	11.2	2620	10.9	8.1
83 SCOTLAND	389	11.4	1625	9.6	8.8
84 STANLY	536	10.2	2517	9.6	7.5
85 STOKES	359	9.2	1575	8.3	7.5
86 SURRY	645	10.2	3060	9.8	7.6
87 SWAIN	163	14.4	710	12.6	8.9
88 TRANSYLVANIA	254	9.5	1260	9.7	6.0
89 TYRRELL	58	15.4	238	12.4	7.2
90 UNION	652	7.2	3178	7.3	7.8
91 VANCE	460	11.5	2223	11.4	9.1
92 WAKE	2737	5.7	12522	5.6	6.7
93 WARREN	195	11.1	1046	12.0	6.9
94 WASHINGTON	145	10.5	705	10.1	7.5
95 WATAUGA	224	5.8	1109	5.9	5.6
96 WAYNE	930	8.6	4567	8.6	8.3
97 WILKES	596	9.8	2749	9.1	7.6
98 WILSON	724	10.8	3520	10.6	8.6
99 YADKIN	291	9.1	1580	10.2	7.3
100 YANCEY	163	10.4	783	10.1	6.9

* SEE SECTIONS I AND II

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DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

General Mortality

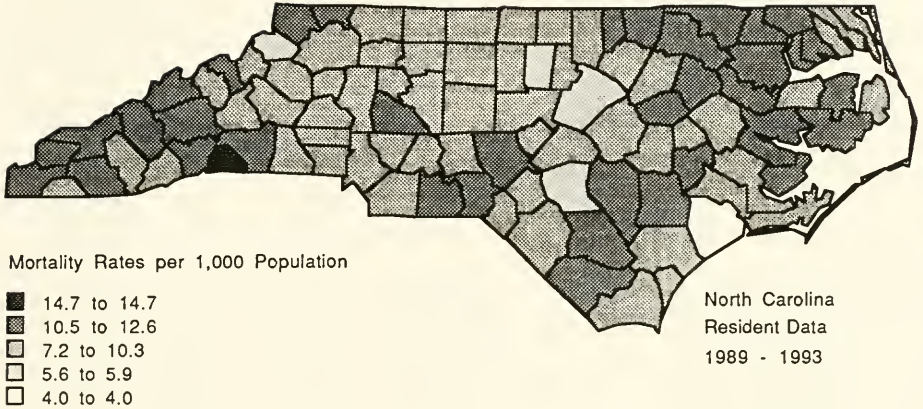


Figure 2.A

General Mortality

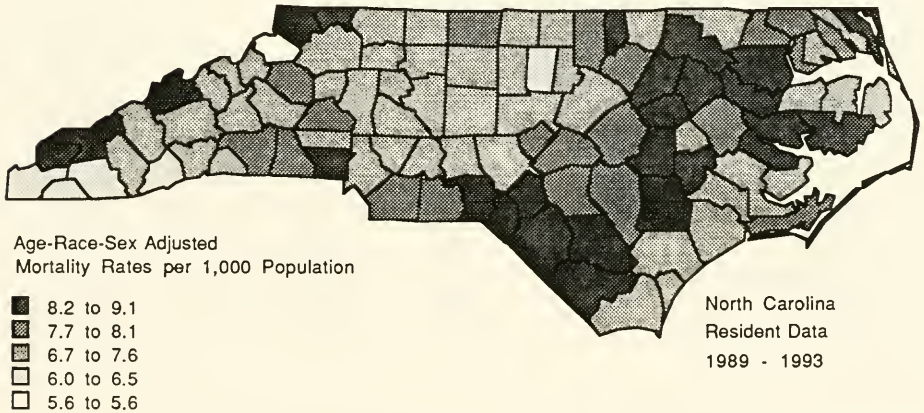


Figure 2.B

TABLE - 3
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
DISEASES OF THE HEART

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	19246	277.0	94618	280.4	234.2
REGIONS					
D.E.H.N.R. I	2649	351.2	12919	350.1	223.7
D.E.H.N.R. II	3906	264.2	19748	275.6	244.0
D.E.H.N.R. III	4007	288.0	19570	287.2	225.9
D.E.H.N.R. IV	3350	240.5	16578	248.4	228.0
D.E.H.N.R. V	2074	271.0	10133	272.9	258.2
D.E.H.N.R. VI	1935	298.5	9520	299.4	244.7
D.E.H.N.R. VII	1325	255.6	6150	245.3	234.3
COUNTIES					
1 ALAMANCE	362	321.7	1756	320.7	223.9
2 ALEXANDER	77	265.1	371	263.9	228.8
3 ALLEGHANY	40	419.9	192	397.3	274.2
4 ANSON	105	440.0	499	423.9	278.0
5 ASHE	102	453.6	418	373.6	248.3
6 AVERY	63	419.3	289	386.8	263.6
7 BEAUFORT	184	430.3	838	394.3	271.7
8 BERTIE	68	333.1	364	357.1	251.7
9 BLADEN	120	407.8	547	378.0	280.1
10 BRUNSWICK	157	275.9	781	294.0	227.3
11 BUNCOMBE	566	310.5	2888	325.4	212.1
12 BURKE	236	300.6	1203	313.6	249.1
13 CABARRUS	312	297.8	1518	299.9	243.2
14 CALDWELL	222	307.0	1032	289.4	238.1
15 CAMDEN	19	316.4	89	300.1	226.5
16 CARTERET	169	301.5	778	288.8	222.8
17 CASHWELL	64	301.7	327	312.5	217.8
18 CATAWBA	311	253.6	1664	277.4	242.0
19 CHATHAM	111	270.4	554	279.4	194.1
20 CHEROKEE	82	386.2	483	391.4	212.5
21 CHOWAN	56	405.1	265	386.1	228.8
22 CLAY	24	318.8	133	366.3	170.2
23 CLEVELAND	320	367.0	1567	366.4	276.6
24 COLUMBUS	201	400.4	959	383.7	296.5
25 CRAVEN	217	258.4	1010	244.6	230.5
26 CUMBERLAND	525	179.5	2531	180.4	280.2
27 CURRITUCK	31	210.1	200	283.4	248.3
28 DARE	70	291.6	260	225.3	219.9
29 DAVIDSON	401	306.8	1897	293.9	251.9
30 DAVIE	84	291.9	410	289.7	214.6
31 DUPLIN	144	347.6	678	333.5	242.8
32 DURHAM	396	209.3	2036	220.1	200.1
33 EDGECOMBE	192	338.2	941	330.4	275.8
34 FORSYTH	764	281.2	3675	274.3	217.3
35 FRANKLIN	116	294.4	595	315.5	243.4
36 GASTON	609	344.3	3067	348.2	303.3
37 GATES	47	494.0	183	388.5	262.4
38 GRAHAM	26	352.7	133	367.6	231.3
39 GRANVILLE	135	335.6	628	320.5	260.8
40 GREENE	34	213.8	224	286.4	245.2
41 GUILFORD	898	249.1	4651	264.6	217.8

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
DISEASES OF THE HEART CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	207	363.4	1073	382.3	279.6
43 HARNETT	212	292.2	984	283.3	250.1
44 HAYWOOD	192	392.5	905	378.5	217.8
45 HENDERSON	299	407.6	1439	405.7	199.0
46 HERTFORD	73	326.3	404	359.6	234.6
47 HOKE	54	220.9	288	247.1	251.9
48 HYDE	30	556.5	120	441.3	281.6
49 IREDELL	289	293.5	1456	305.4	233.8
50 JACKSON	88	316.2	384	281.4	217.1
51 JOHNSTON	280	316.3	1442	342.8	289.5
52 JONES	37	392.0	156	331.7	253.2
53 LEE	129	294.0	649	307.2	245.1
54 LENOIR	194	330.7	1025	354.4	269.9
55 LINCOLN	150	282.6	714	279.2	244.1
56 MCDOWELL	136	375.3	665	370.8	285.2
57 MACON	98	392.3	470	390.2	180.0
58 MADISON	63	365.4	291	340.8	194.3
59 MARTIN	74	290.4	426	335.9	244.5
60 MECKLENBURG	1058	193.1	5363	204.5	211.2
61 MITCHELL	55	379.0	292	405.2	178.4
62 MONTGOMERY	72	308.5	369	315.5	242.5
63 MOORE	205	328.2	1048	347.7	196.9
64 NASH	255	316.6	1209	310.4	256.9
65 NEW HANOVER	360	275.7	1647	265.3	219.8
66 NORTHAMPTON	85	414.8	433	417.4	251.8
67 ONSLOW	182	120.8	829	110.9	234.8
68 ORANGE	158	155.5	769	158.8	175.2
69 PAWLICO	28	241.9	192	335.9	197.2
70 PASQUOTANK	112	342.7	541	341.8	251.4
71 PENDER	112	343.9	478	317.1	234.2
72 PERQUIMANS	38	359.7	188	359.8	207.8
73 PERSON	99	321.8	485	318.9	226.4
74 PITT	235	204.1	1193	215.7	219.3
75 POLK	69	456.1	358	486.0	215.3
76 RANDOLPH	336	298.2	1496	276.1	236.5
77 RICHMOND	185	413.1	846	377.8	282.6
78 ROBESON	300	276.4	1585	298.2	285.5
79 ROCKINGHAM	294	338.3	1445	335.2	240.8
80 ROWAN	390	339.9	1992	355.7	241.3
81 RUTHERFORD	244	421.3	1149	401.0	273.7
82 SAMPSON	178	360.7	872	362.7	262.2
83 SCOTLAND	118	346.4	564	331.9	310.4
84 STANLY	184	348.9	903	345.2	254.1
85 STOKES	112	286.9	503	265.8	231.4
86 SURRY	201	317.7	1029	330.3	246.8
87 SWAIN	49	433.7	248	441.5	271.1
88 TRANSYLVANIA	87	324.4	402	308.6	154.8
89 TYRRELL	25	664.2	95	495.4	273.5
90 UNION	206	226.8	1133	261.7	275.3
91 VANCE	146	366.5	767	392.3	314.8
92 WAKE	787	164.2	3638	163.5	200.2
93 WARREN	56	318.2	309	355.7	207.0
94 WASHINGTON	57	413.8	247	354.3	262.3
95 WATAUGA	80	206.7	363	193.7	176.0
96 WAYNE	306	282.4	1500	282.7	277.6
97 WILKES	184	301.2	884	293.9	230.1
98 WILSON	198	295.0	1050	315.7	253.1
99 YADKIN	85	264.7	524	336.7	232.7
100 YANCEY	50	318.6	235	301.8	200.4

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Diseases of the Heart

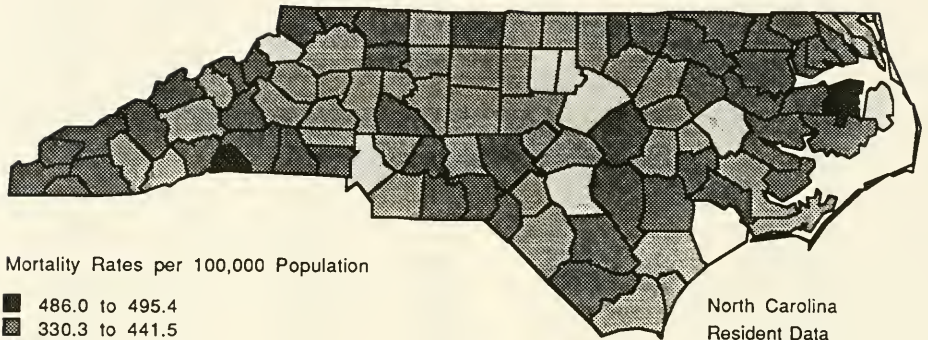


Figure 3.A

Diseases of the Heart

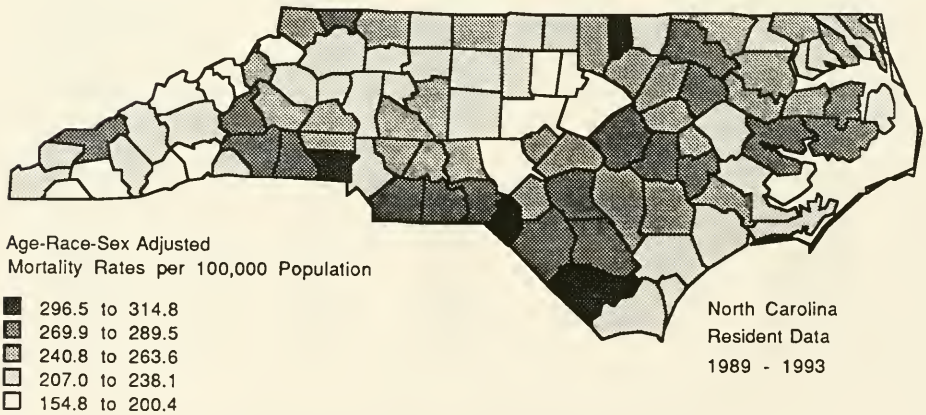


Figure 3.B

TABLE - 4
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
CEREBROVASCULAR

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	4795	69.0	23020	68.2	55.3
REGIONS					
D.E.H.N.R. I	568	75.3	2776	75.2	47.4
D.E.H.N.R. II	974	65.9	4474	62.4	54.8
D.E.H.N.R. III	1055	75.8	5054	74.2	56.0
D.E.H.N.R. IV	936	67.2	4452	66.7	58.3
D.E.H.N.R. V	501	65.5	2384	64.2	57.8
D.E.H.N.R. VI	473	73.0	2372	74.6	56.7
D.E.H.N.R. VII	288	55.6	1508	60.2	57.0
COUNTIES					
1 ALAMANCE	100	88.9	440	80.4	54.7
2 ALEXANDER	17	58.5	76	54.1	51.1
3 ALLEGHANY	10	105.0	41	84.8	38.4
4 ANSON	26	109.0	128	108.7	56.2
5 ASHE	25	111.2	102	91.2	67.3
6 AVERY	9	59.9	29	38.8	34.5
7 BEAUFORT	44	102.9	178	83.8	52.5
8 BERTIE	14	68.6	104	102.0	61.1
9 BLADEN	35	119.0	141	97.4	63.0
10 BRUNSWICK	22	38.7	148	55.7	45.3
11 BUNCOMBE	140	76.8	694	78.2	48.5
12 BURKE	48	61.1	175	45.6	38.7
13 CABARRUS	63	60.1	293	57.9	45.2
14 CALDWELL	54	74.7	225	63.1	56.9
15 CAMDEN	5	83.3	29	97.8	71.8
16 CARTERET	36	64.2	182	67.6	58.8
17 CASWELL	22	103.7	103	98.4	66.3
18 CATAWBA	88	71.8	358	59.7	54.4
19 CHATHAM	31	75.5	140	70.6	48.3
20 CHEROKEE	5	23.5	59	57.3	27.1
21 CHOWAN	20	144.7	88	128.2	71.6
22 CLAY	6	79.7	20	55.1	22.5
23 CLEVELAND	64	73.4	321	75.1	57.2
24 COLUMBUS	40	79.7	222	88.8	63.9
25 CRAVEN	41	48.8	240	58.1	53.0
26 CUMBERLAND	95	32.5	480	34.2	51.6
27 CURRITUCK	7	47.4	39	55.3	49.3
28 DARE	12	50.0	49	42.5	38.4
29 DAVIDSON	77	58.9	405	62.7	53.0
30 DAVIE	25	86.9	78	55.1	41.4
31 DUPLIN	49	118.3	243	119.5	83.1
32 DURHAM	122	64.5	542	58.6	50.4
33 EDGECOMBE	58	102.2	284	99.7	77.4
34 FORSYTH	188	69.2	1018	76.0	55.9
35 FRANKLIN	26	66.0	152	80.6	57.8
36 GASTON	101	57.1	539	61.2	52.6
37 GATES	9	94.6	39	82.8	57.4
38 GRAHAM	6	81.4	28	77.4	50.6
39 GRANVILLE	32	79.6	178	90.8	70.1
40 GREENE	9	56.6	46	58.8	49.3
41 GUILFORD	270	74.9	1316	74.9	57.4

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
CEREBROVASCULAR CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	64	112.3	311	110.8	72.0
43 HARNETT	35	48.2	182	52.4	45.7
44 HAYWOOD	39	79.7	185	77.4	56.1
45 HENDERSON	70	95.4	343	96.7	50.6
46 HERTFORD	18	80.5	120	106.8	58.6
47 HOKE	12	49.1	76	65.2	63.4
48 HYDE	4	74.2	30	110.3	65.0
49 IREDELL	79	80.2	356	74.7	55.8
50 JACKSON	8	28.7	74	54.2	37.3
51 JOHNSTON	67	75.7	311	73.9	60.6
52 JONES	12	127.1	42	89.3	60.9
53 LEE	31	70.7	121	57.3	46.1
54 LENOIR	64	109.1	281	97.2	68.3
55 LINCOLN	36	67.8	197	77.0	70.9
56 MCDOWELL	27	74.5	133	74.2	54.0
57 MACON	20	80.1	101	83.8	36.5
58 MADISON	19	110.2	105	123.0	62.5
59 MARTIN	16	62.8	89	70.2	47.5
60 MECKLENBURG	287	52.4	1340	51.1	51.4
61 MITCHELL	8	55.1	55	76.3	157.8
62 MONTGOMERY	13	55.7	88	75.2	56.6
63 MOORE	68	108.9	319	105.8	59.3
64 NASH	60	74.5	323	82.9	65.7
65 NEW HANOVER	87	66.6	465	74.9	60.7
66 NORTHAMPTON	23	112.2	120	115.7	63.1
67 ONSLOW	33	21.9	142	19.0	40.2
68 ORANGE	35	34.4	191	39.4	41.0
69 PAHLICO	9	77.7	56	98.0	51.9
70 PASQUOTANK	22	67.3	132	83.4	56.3
71 PENDER	21	64.5	106	70.3	49.3
72 PERQUIMANS	11	104.1	55	105.3	56.6
73 PERSON	33	107.3	139	91.4	62.8
74 PITT	66	57.3	358	64.7	59.0
75 POLK	17	112.4	88	119.5	56.2
76 RANDOLPH	79	70.1	337	62.2	55.2
77 RICHMOND	53	118.4	198	88.4	64.8
78 ROBESON	80	73.7	397	74.7	68.6
79 ROCKINGHAM	90	103.6	404	93.7	65.0
80 ROWAN	126	109.8	509	90.9	60.5
81 RUTHERFORD	53	91.5	239	83.4	52.3
82 SAMPSON	53	107.4	258	107.3	72.9
83 SCOTLAND	31	91.0	117	68.8	56.5
84 STANLY	65	123.2	255	97.5	67.0
85 STOKES	24	61.5	137	72.4	67.5
86 SURRY	61	96.4	262	84.1	58.0
87 SWAIN	12	106.2	56	99.7	60.3
88 TRANSYLVANIA	16	59.7	84	64.5	35.7
89 TYRRELL	3	79.7	16	83.4	41.1
90 UNION	48	52.8	230	53.1	55.8
91 VANCE	42	105.4	163	83.4	57.1
92 WAKE	218	45.5	1022	45.9	54.8
93 WARREN	23	130.7	112	128.9	60.8
94 WASHINGTON	9	65.3	42	60.2	43.0
95 WATAUGA	12	31.0	66	35.2	34.5
96 WAYNE	78	72.0	339	63.9	59.4
97 WILKES	55	90.0	240	79.8	63.5
98 WILSON	71	105.8	343	103.1	76.4
99 YADKIN	17	52.9	105	67.5	43.0
100 YANCEY	11	70.1	83	106.6	47.7

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cerebrovascular Disease

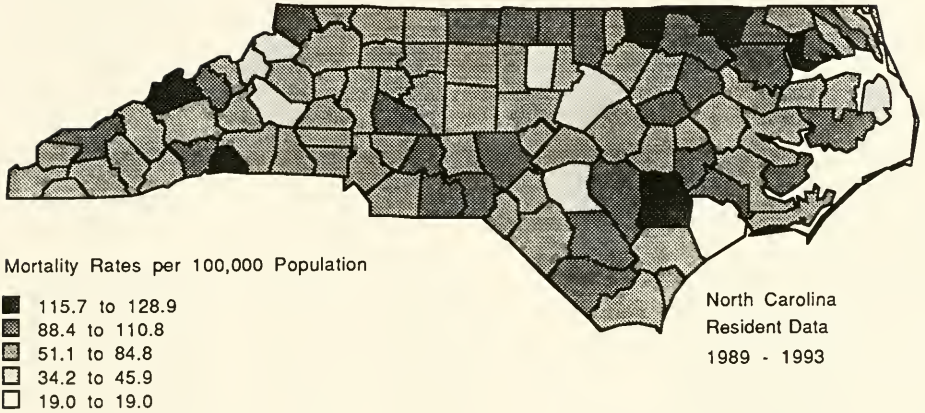


Figure 4.A

Cerebrovascular Disease

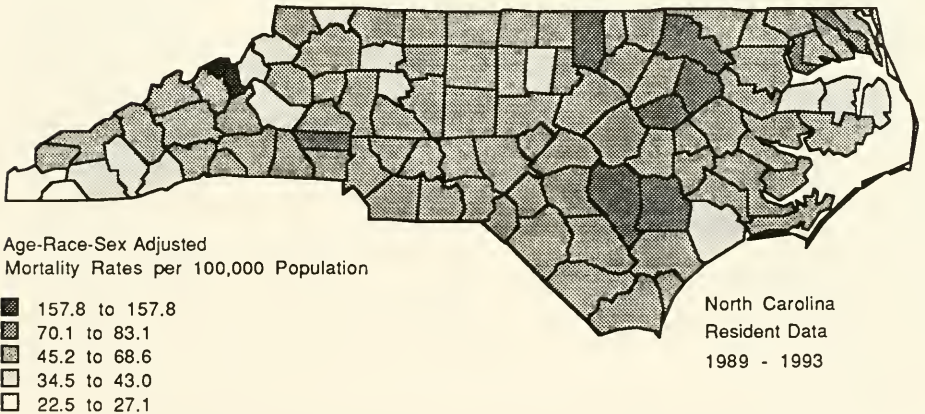


Figure 4.B

TABLE - 5
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
ATHEROSCLEROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	418	6.0	1857	5.5	4.3
REGIONS					
D.E.H.N.R. I	54	7.2	221	6.0	3.8
D.E.H.N.R. II	74	5.0	327	4.6	3.8
D.E.H.N.R. III	93	6.7	402	5.9	4.1
D.E.H.N.R. IV	72	5.2	359	5.4	4.5
D.E.H.N.R. V	35	4.6	151	4.1	3.6
D.E.H.N.R. VI	76	11.7	281	8.8	7.0
D.E.H.N.R. VII	14	2.7	116	4.6	4.3
COUNTIES					
1 ALAMANCE	11	9.8	51	9.3	6.0
2 ALEXANDER	0	0.0	1	0.7	0.6
3 ALLEGHANY	0	0.0	1	2.1	1.0
4 ANSON	1	4.2	3	2.5	0.7
5 ASHE	1	4.4	12	10.7	28.2
6 AVERY	0	0.0	0	0.0	0.0
7 BEAUFORT	1	2.3	7	3.3	2.1
8 BERTIE	5	24.5	11	10.8	6.9
9 BLADEN	7	23.8	20	13.8	9.4
10 BRUNSWICK	2	3.5	11	4.1	3.4
11 BUNCOMBE	25	13.7	77	8.7	5.7
12 BURKE	4	5.1	17	4.4	3.6
13 CABARRUS	4	3.8	16	3.2	2.5
14 CALDWELL	0	0.0	7	2.0	1.4
15 CAMDEN	0	0.0	6	20.2	15.1
16 CARTERET	0	0.0	2	0.7	1.5
17 CASWELL	2	9.4	7	6.7	5.0
18 CATAWBA	7	5.7	26	4.3	3.6
19 CHATHAM	4	9.7	6	3.0	1.9
20 CHEROKEE	0	0.0	8	7.8	3.0
21 CHOWAN	5	36.2	15	21.9	12.4
22 CLAY	1	13.3	2	5.5	2.3
23 CLEVELAND	5	5.7	31	7.2	5.1
24 COLUMBUS	0	0.0	7	2.8	2.2
25 CRAVEN	6	7.1	25	6.1	5.4
26 CUMBERLAND	7	2.4	38	2.7	4.3
27 CURRITUCK	5	33.9	12	17.0	14.1
28 DARE	1	4.2	10	8.7	6.1
29 DAVIDSON	5	3.8	25	3.9	4.1
30 DAVIE	1	3.5	4	2.8	1.7
31 DUPLIN	4	9.7	41	20.2	14.3
32 DURHAM	17	9.0	95	10.3	7.2
33 EDGEcombe	2	3.5	26	9.1	9.2
34 FORSYTH	8	2.9	53	4.0	2.8
35 FRANKLIN	2	5.1	5	2.7	2.2
36 GASTON	3	1.7	18	2.0	1.7
37 GATES	1	10.5	4	8.5	4.9
38 GRAHAM	1	13.6	3	8.3	4.6
39 GRANVILLE	0	0.0	9	4.6	4.0
40 GREENE	5	31.4	7	9.0	4.7
41 GUILFORD	40	11.1	154	8.8	6.4

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
ATHEROSCLEROSIS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	9	15.8	21	7.5	4.7
43 HARNETT	4	5.5	9	2.6	2.1
44 HAYWOOD	1	2.0	6	2.5	1.2
45 HENDERSON	1	1.4	8	2.3	0.7
46 HERTFORD	1	4.5	17	15.1	11.3
47 HOKE	1	4.1	3	2.6	1.3
48 HYDE	0	0.0	0	0.0	0.0
49 IREDELL	2	2.0	16	3.4	2.3
50 JACKSON	1	3.6	6	4.4	3.8
51 JOHNSTON	6	6.8	17	4.0	3.3
52 JONES	2	21.2	4	8.5	6.8
53 LEE	1	2.3	11	5.2	3.9
54 LENOIR	16	27.3	61	21.1	15.1
55 LINCOLN	2	3.8	8	3.1	2.8
56 MCDOWELL	1	2.8	18	10.0	6.0
57 MACON	0	0.0	2	1.7	0.9
58 MADISON	2	11.6	6	7.0	2.9
59 MARTIN	2	7.8	6	4.7	2.8
60 MECKLENBURG	21	3.8	85	3.2	3.2
61 MITCHELL	0	0.0	4	5.6	1.8
62 MONTGOMERY	0	0.0	0	0.0	0.0
63 MOORE	1	1.6	16	5.3	2.7
64 NASH	5	6.2	20	5.1	4.3
65 NEW HANOVER	5	3.8	37	6.0	4.7
66 NORTHAMPTON	2	9.8	10	9.6	5.4
67 ONSLOW	3	2.0	10	1.3	2.9
68 ORANGE	2	2.0	20	4.1	4.5
69 PAMLICO	0	0.0	3	5.2	3.3
70 PASQUOTANK	8	24.5	17	10.7	7.2
71 PENDER	0	0.0	8	5.3	3.7
72 PERQUIMANS	3	28.4	18	34.5	18.3
73 PERSON	4	13.0	9	5.9	4.0
74 PITT	5	4.3	18	3.3	3.9
75 POLK	0	0.0	7	9.5	2.2
76 RANDOLPH	4	3.5	20	3.7	3.5
77 RICHMOND	3	6.7	13	5.8	4.0
78 ROBESON	7	6.4	39	7.3	8.1
79 ROCKINGHAM	7	8.1	17	3.9	2.5
80 ROWAN	19	16.6	81	14.5	8.7
81 RUTHERFORD	13	22.4	35	12.2	6.9
82 SAMPSON	3	6.1	7	2.9	2.6
83 SCOTLAND	1	2.9	3	1.8	0.9
84 STANLY	9	17.1	34	13.0	8.9
85 STOKES	3	7.7	9	4.8	3.0
86 SURRY	7	11.1	17	5.5	3.2
87 SWAIN	1	8.9	6	10.7	5.4
88 TRANSYLVANIA	1	3.7	6	4.6	2.0
89 TYRRELL	0	0.0	0	0.0	0.0
90 UNION	2	2.2	11	2.5	3.1
91 VANCE	1	2.5	4	2.0	1.6
92 WAKE	6	1.3	51	2.3	2.7
93 WARREN	1	5.7	6	6.9	3.4
94 WASHINGTON	0	0.0	2	2.9	2.9
95 WATAUGA	0	0.0	5	2.7	1.8
96 WAYNE	10	9.2	38	7.2	7.2
97 WILKES	2	3.3	21	7.0	5.3
98 WILSON	10	14.9	49	14.7	10.9
99 YADKIN	2	6.2	6	3.9	1.8
100 YANCEY	2	12.7	3	3.9	1.3

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Atherosclerosis

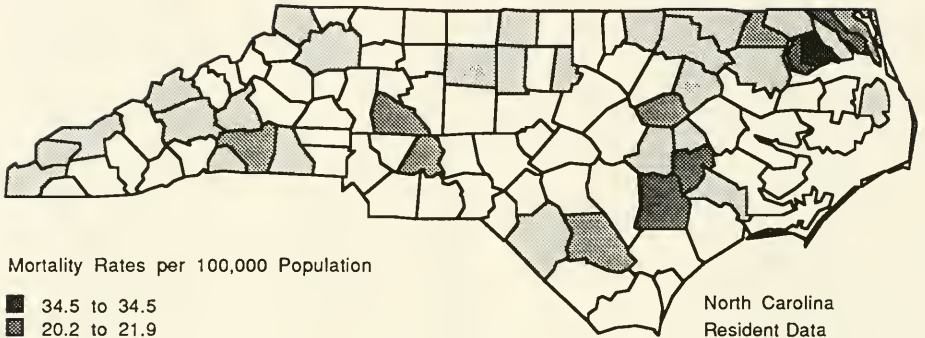


Figure 5.A

Atherosclerosis

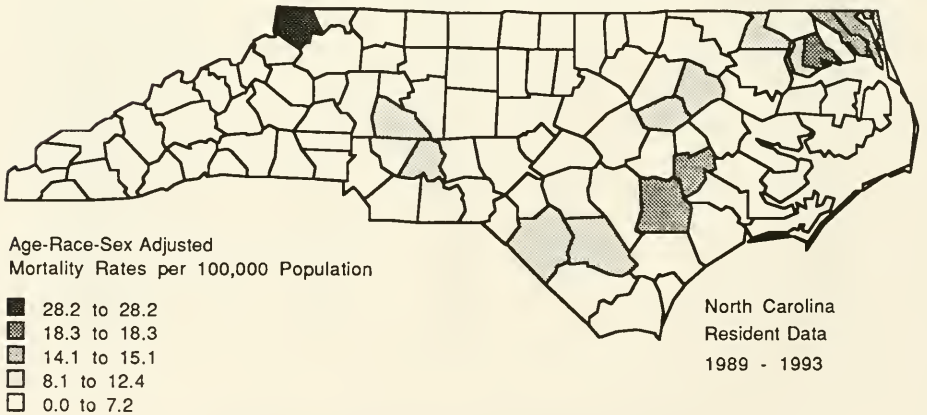


Figure 5.B

TABLE - 6

MORTALITY STATISTICS FOR 1993

NORTH CAROLINA RESIDENTS

CANCER - ALL SITES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	14413	207.4	67860	201.1	178.7
REGIONS					
D.E.H.N.R. I	1883	249.7	9057	245.4	175.1
D.E.H.N.R. II	2973	201.1	13766	192.1	180.6
D.E.H.N.R. III	2919	209.8	13996	205.4	174.6
D.E.H.N.R. IV	2585	185.5	12400	185.8	179.2
D.E.H.N.R. V	1516	198.1	6626	183.8	161.7
D.E.H.N.R. VI	1454	224.3	6933	218.0	186.5
D.E.H.N.R. VII	1083	208.9	4882	194.7	190.3
COUNTIES					
1 ALAMANCE	270	240.0	1237	225.9	170.7
2 ALEXANDER	55	189.4	243	172.9	156.6
3 ALLEGHANY	21	220.4	115	238.0	227.5
4 ANSON	58	243.1	279	237.0	182.3
5 ASHE	72	320.2	289	258.3	201.0
6 AVERY	36	239.6	155	207.4	155.6
7 BEAUFORT	111	259.6	564	265.4	200.0
8 BERTIE	51	249.9	268	262.9	184.6
9 BLADEN	97	329.7	348	240.5	169.1
10 BRUNSWICK	134	235.5	626	235.6	174.5
11 BUNCOMBE	445	244.1	2315	260.8	189.8
12 BURKE	177	225.4	809	210.9	179.1
13 CABARRUS	206	196.6	1047	206.8	177.6
14 CALDWELL	143	197.8	726	203.6	183.3
15 CAMDEN	18	299.8	65	219.2	163.8
16 CARTERET	145	258.7	667	255.0	211.3
17 CASWELL	49	231.0	243	232.3	168.3
18 CATAWBA	251	204.7	1219	203.2	181.2
19 CHATHAM	105	255.8	453	228.5	173.6
20 CHEROKEE	54	254.3	261	253.5	160.7
21 CHOWAN	31	224.2	178	259.3	177.3
22 CLAY	24	318.8	109	300.2	168.0
23 CLEVELAND	206	236.3	867	202.7	166.6
24 COLUMBUS	123	245.0	579	231.7	189.0
25 CRAVEN	183	218.0	765	185.2	179.6
26 CUMBERLAND	407	139.1	1838	131.0	193.6
27 CURRITUCK	47	318.5	174	246.5	215.4
28 DARE	64	266.6	249	215.8	183.2
29 DAVIDSON	252	192.8	1190	184.4	158.5
30 DAVIE	59	205.0	272	192.2	153.6
31 DUPLIN	112	270.4	500	245.9	190.5
32 DURHAM	382	201.9	1814	196.1	194.3
33 EDGECOMBE	135	237.8	672	235.9	204.3
34 FORSYTH	568	209.1	2758	205.8	178.5
35 FRANKLIN	80	203.0	393	208.4	172.3
36 GASTON	389	220.0	1825	207.2	191.2
37 GATES	25	262.7	111	235.6	174.7
38 GRAHAM	21	284.9	81	223.9	159.0
39 GRANVILLE	83	206.4	419	213.8	172.8
40 GREENE	38	258.9	141	180.3	155.7
41 GUILFORD	736	204.1	3606	205.2	182.5

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
CANCER - ALL SITES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	111	194.8	684	243.7	178.9
43 HARNETT	143	197.1	694	199.8	185.1
44 HAYWOOD	131	267.8	616	257.7	208.8
45 HENDERSON	247	336.7	1089	307.0	176.9
46 HERTFORD	55	245.8	313	278.6	200.2
47 HOKE	50	204.6	235	201.6	231.3
48 HYDE	16	296.8	74	272.1	192.5
49 IREDELL	232	235.6	996	208.9	172.6
50 JACKSON	54	194.0	265	194.2	152.9
51 JOHNSTON	193	218.0	836	198.8	176.3
52 JONES	16	169.5	81	172.2	115.0
53 LEE	112	255.3	472	223.4	185.0
54 LENOIR	154	262.5	704	243.4	193.8
55 LINCOLN	106	199.7	502	196.3	180.9
56 MCDOWELL	82	226.3	393	219.1	155.1
57 MACON	70	280.2	343	284.7	167.3
58 MADISON	44	255.2	176	206.1	278.7
59 MARTIN	55	215.8	326	257.1	189.7
60 MECKLENBURG	957	174.6	4434	169.1	182.4
61 HITCHELL	44	303.2	200	277.5	137.7
62 MONTGOMERY	42	179.9	248	212.0	177.2
63 MOORE	190	304.2	840	278.7	168.6
64 NASH	177	219.7	822	211.1	184.0
65 NEW HANOVER	322	246.6	1457	234.7	204.2
66 NORTHAMPTON	48	234.2	274	264.1	147.2
67 ONSLOW	155	102.8	697	93.3	195.6
68 ORANGE	136	133.9	689	142.2	168.5
69 PAMLICO	39	336.9	173	302.7	197.9
70 PASQUOTANK	78	238.6	368	232.5	188.9
71 PENDER	92	282.5	336	222.9	167.4
72 PERQUIMANS	32	302.9	147	281.3	180.2
73 PERSON	71	230.8	340	223.6	175.4
74 PITT	197	171.1	983	177.7	190.1
75 POLK	47	310.7	245	332.6	187.9
76 RANDOLPH	203	180.1	1041	192.1	174.8
77 RICHMOND	105	234.5	527	235.3	188.7
78 ROBESON	233	214.6	965	181.6	187.7
79 ROCKINGHAM	198	227.9	1029	238.7	189.1
80 ROWAN	294	256.3	1361	243.0	181.8
81 RUTHERFORD	147	253.8	657	229.3	173.6
82 SAMPSON	110	222.9	522	217.1	164.0
83 SCOTLAND	81	237.8	330	194.2	189.9
84 STANLY	115	218.1	551	210.7	171.1
85 STOKES	89	228.0	378	199.8	175.6
86 SURRY	146	230.8	664	213.1	174.1
87 SWAIN	32	283.2	132	235.0	180.1
88 TRANSYLVANIA	50	186.5	330	253.3	164.3
89 TYRRELL	11	292.2	45	234.7	135.5
90 UNION	162	178.3	721	166.5	177.2
91 VANCE	95	238.5	472	241.4	202.1
92 WAKE	651	135.8	3040	136.6	169.9
93 WARREN	43	244.3	257	295.8	177.1
94 WASHINGTON	36	261.3	174	249.6	184.4
95 WATAUGA	55	142.1	264	140.9	162.3
96 WAYNE	197	181.8	1030	194.1	186.4
97 WILKES	136	222.6	568	188.8	152.5
98 WILSON	163	242.9	763	229.4	197.1
99 YADKIN	65	202.4	342	219.7	177.7
100 YANCEY	35	223.0	155	199.1	119.0

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cancer - All Sites

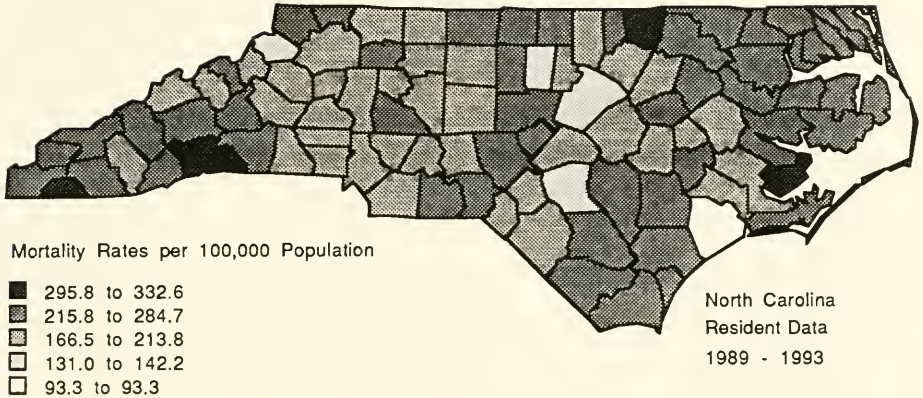


Figure 6.A

Cancer - All Sites

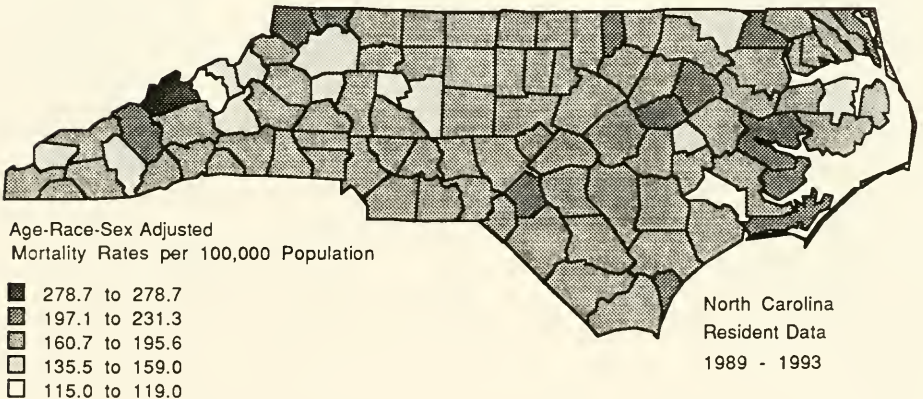


Figure 6.B

TABLE - 7

MORTALITY STATISTICS FOR 1993

NORTH CAROLINA RESIDENTS

CANCER - COLON, RECTUM AND ANUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	1429	20.6	6855	20.3	17.6
REGIONS					
D.E.H.N.R. I	188	24.9	956	25.9	18.2
D.E.H.N.R. II	290	19.6	1358	19.0	17.2
D.E.H.N.R. III	275	19.8	1418	20.8	17.4
D.E.H.N.R. IV	262	18.8	1188	17.8	16.6
D.E.H.N.R. V	173	22.6	714	19.2	18.5
D.E.H.N.R. VI	144	22.2	741	23.3	19.6
D.E.H.N.R. VII	97	18.7	480	19.1	18.4
COUNTIES					
1 ALAMANCE	29	25.8	126	23.0	17.0
2 ALEXANDER	3	10.3	25	17.8	15.4
3 ALLEGHANY	1	10.5	9	18.6	17.0
4 ANSON	6	25.1	31	26.3	16.7
5 ASHE	4	17.8	27	24.1	26.6
6 AVERY	5	33.3	21	28.1	16.9
7 BEAUFORT	7	16.4	46	21.6	16.3
8 BERTIE	4	19.6	32	31.4	21.7
9 BLADEN	14	47.6	34	23.5	16.8
10 BRUNSWICK	13	22.8	57	21.5	16.2
11 BUNCOMBE	41	22.5	245	27.6	20.2
12 BURKE	20	25.5	87	22.7	18.6
13 CABARRUS	23	21.9	101	20.0	15.9
14 CALDWELL	17	23.5	70	19.6	18.7
15 CAMDEN	3	50.0	7	23.6	17.0
16 CARTERET	10	17.8	66	24.5	20.0
17 CASWELL	7	33.0	31	29.6	17.7
18 CATAWBA	29	23.6	138	23.0	19.9
19 CHATHAM	13	31.7	42	21.2	16.8
20 CHEROKEE	7	33.0	26	25.3	16.4
21 CHOWAN	7	50.6	35	51.0	34.2
22 CLAY	1	13.3	10	27.5	10.0
23 CLEVELAND	16	18.4	100	23.4	18.3
24 COLUMBUS	9	17.9	51	20.4	16.8
25 CRAVEN	17	20.2	72	17.4	17.4
26 CUMBERLAND	39	13.3	190	13.5	20.5
27 CURRITUCK	5	33.9	13	18.4	17.6
28 DARE	5	20.8	20	17.3	18.0
29 DAVIDSON	21	16.1	122	18.9	16.4
30 DAVIE	6	20.9	40	28.3	21.5
31 DUPLIN	9	21.7	53	26.1	20.1
32 DURHAM	37	19.6	175	18.9	17.2
33 EDGEcombe	18	31.7	65	22.8	19.8
34 FORSYTH	50	18.4	273	20.4	17.3
35 FRANKLIN	4	10.2	38	20.1	16.4
36 GASTON	32	18.1	174	19.8	18.1
37 GATES	4	42.0	11	23.3	18.7
38 GRAHAM	1	13.6	8	22.1	12.6
39 GRANVILLE	7	17.4	38	19.4	15.1
40 GREENE	3	18.9	16	20.5	16.4
41 GUILFORD	67	18.6	371	21.1	18.1

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
CANCER - COLON, RECTUM AND ANUS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	9	15.8	74	26.4	19.0
43 HARNETT	17	23.4	65	18.7	16.5
44 HAYWOOD	11	22.5	59	24.7	12.0
45 HENDERSON	29	39.5	126	35.5	22.4
46 HERTFORD	5	22.3	39	34.7	22.4
47 HOKE	9	36.8	27	23.2	27.1
48 HYDE	2	37.1	7	25.7	15.8
49 IREDELL	26	26.4	121	25.4	19.9
50 JACKSON	6	21.6	26	19.1	16.0
51 JOHNSTON	23	26.0	82	19.5	17.2
52 JONES	4	42.4	9	19.1	16.9
53 LEE	15	34.2	40	18.9	15.6
54 LENOIR	16	27.3	72	24.9	20.5
55 LINCOLN	16	30.1	65	25.4	22.9
56 MCDOWELL	9	24.8	35	19.5	11.9
57 MACON	6	24.0	31	25.7	17.4
58 MADISON	2	11.6	11	12.9	6.1
59 MARTIN	4	15.7	35	27.6	20.1
60 HECKLENBURG	83	15.1	385	14.7	15.7
61 MITCHELL	3	20.7	20	27.8	12.9
62 MONTGOMERY	2	8.6	22	18.8	15.3
63 MOORE	29	46.4	94	31.2	17.9
64 NASH	19	23.6	71	18.2	15.3
65 NEW HANOVER	31	23.7	141	22.7	19.1
66 NORTHAMPTON	6	29.3	36	34.7	20.5
67 ONSLOW	17	11.3	77	10.3	21.6
68 ORANGE	18	17.7	66	13.6	15.7
69 PAHLICO	5	43.2	15	26.2	15.6
70 PASQUOTANK	9	27.5	41	25.9	20.4
71 PENDER	8	24.6	35	23.2	16.8
72 PERQUIMANS	3	28.4	14	26.8	16.2
73 PERSON	8	26.0	29	19.1	14.6
74 PITT	18	15.6	103	18.6	20.0
75 POLK	3	19.8	23	31.2	14.2
76 RANDOLPH	18	16.0	115	21.2	19.4
77 RICHMOND	9	20.1	63	28.1	22.6
78 ROBESON	26	24.0	95	17.9	17.2
79 ROCKINGHAM	20	23.0	103	23.9	18.9
80 ROWAN	32	27.9	137	24.5	17.3
81 RUTHERFORD	12	20.7	79	27.6	21.4
82 SAMPSON	12	24.3	59	24.5	17.6
83 SCOTLAND	10	29.4	34	20.0	17.7
84 STANLY	10	19.0	43	16.4	12.4
85 STOKES	5	12.8	21	11.1	8.2
86 SURRY	15	23.7	55	17.7	12.0
87 SWAIN	3	26.6	17	30.3	18.8
88 TRANSYLVANIA	8	29.8	45	34.5	19.2
89 TYRRELL	3	79.7	10	52.1	30.8
90 UNION	20	22.0	69	15.9	17.1
91 VANCE	11	27.6	48	24.6	16.1
92 WAKE	53	11.1	284	12.8	15.6
93 WARREN	6	34.1	34	39.1	20.6
94 WASHINGTON	5	36.3	25	35.9	23.4
95 WATAUGA	8	20.7	32	17.1	18.6
96 WAYNE	15	13.8	119	22.4	20.7
97 WILKES	15	24.6	60	19.9	15.0
98 WILSON	15	22.3	66	19.8	16.5
99 YADKIN	9	28.0	33	21.2	16.8
100 YANCEY	4	25.5	17	21.8	11.3

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cancer - Colon, Rectum and Anus

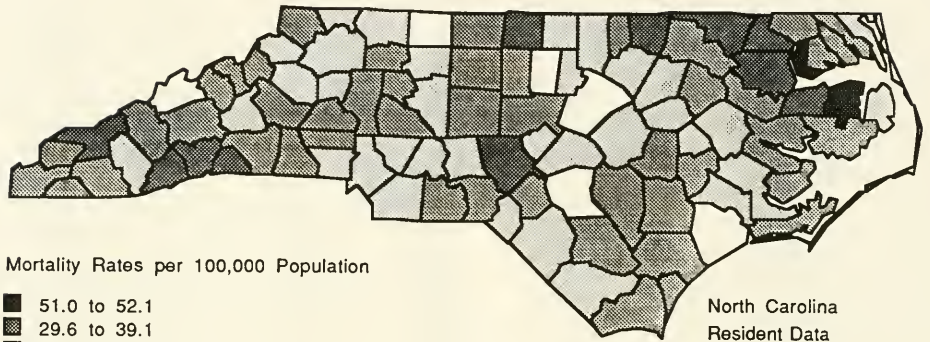


Figure 7.A

Cancer - Colon, Rectum and Anus

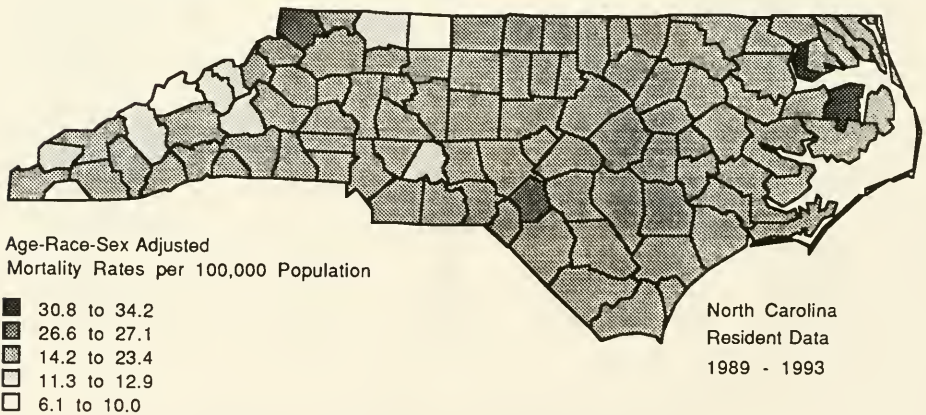


Figure 7.B

TABLE - 8
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
CANCER - TRACHEA, BRONCHUS AND LUNG

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	4318	62.1	20027	59.3	53.9
REGIONS					
D.E.H.N.R. I	561	74.4	2640	71.5	51.0
D.E.H.N.R. II	844	57.1	4001	55.8	53.3
D.E.H.N.R. III	900	64.7	4163	61.1	52.5
D.E.H.N.R. IV	765	54.9	3513	52.6	53.6
D.E.H.N.R. V	469	61.3	2061	55.5	57.2
D.E.H.N.R. VI	457	70.5	2092	65.8	58.8
D.E.H.N.R. VII	322	62.1	1557	62.1	61.0
COUNTIES					
1 ALABAMA	86	76.4	378	69.0	52.7
2 ALEXANDER	17	58.5	64	45.5	36.3
3 ALLEGHANY	11	115.5	39	80.7	42.4
4 ANSON	16	67.1	87	73.9	62.4
5 ASHE	19	84.5	84	75.1	84.0
6 AVERY	9	59.9	54	72.3	43.5
7 BEAUFORT	39	91.2	173	81.4	64.6
8 BERTIE	20	98.0	81	79.5	64.6
9 BLADEN	33	112.2	105	72.6	62.4
10 BRUNSWICK	43	75.6	212	79.8	57.0
11 BUNCOMBE	133	73.0	670	75.5	56.1
12 BURKE	49	62.4	240	62.6	55.8
13 CABARRUS	58	55.4	291	57.5	48.3
14 CALDWELL	45	62.2	237	66.5	57.4
15 CAMDEN	4	66.6	21	70.8	51.7
16 CARTERET	39	69.6	229	85.0	70.6
17 CASWELL	14	66.0	71	67.9	53.1
18 CATAWBA	77	62.8	380	63.3	55.7
19 CHATHAM	23	56.0	97	48.9	37.5
20 CHEROKEE	19	89.5	86	83.5	49.9
21 CHOWAN	7	50.6	44	64.1	45.5
22 CLAY	6	79.7	29	79.9	40.8
23 CLEVELAND	58	66.5	248	58.0	47.6
24 COLUMBUS	39	77.7	205	82.0	70.5
25 CRAVEN	56	66.7	227	55.0	53.4
26 CUMBERLAND	144	49.2	607	43.3	66.3
27 CURRITUCK	14	94.9	56	79.3	66.8
28 DARE	29	120.8	101	87.5	77.9
29 DAVIDSON	82	62.7	353	54.7	46.8
30 DAVIE	16	55.6	67	47.3	37.5
31 DUPLIN	34	82.1	146	71.8	56.2
32 DURHAM	115	60.8	532	57.5	62.9
33 EDGEcombe	46	81.0	200	70.2	68.7
34 FORSYTH	184	67.7	797	59.5	53.3
35 FRANKLIN	29	73.6	122	64.7	58.9
36 GASTON	116	65.6	577	65.5	60.9
37 GATES	10	105.1	34	72.2	50.7
38 GRAHAM	8	108.5	27	74.6	38.3
39 GRANVILLE	28	69.6	121	61.8	53.9
40 GREENE	11	69.2	42	53.7	50.2
41 GUILFORD	217	60.2	1109	63.1	57.7

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
CANCER - TRACHEA, BRONCHUS AND LUNG CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	29	50.9	191	68.0	53.6
43 HARNETT	37	51.0	219	63.1	60.6
44 HAYWOOD	41	83.8	183	76.5	51.0
45 HENDERSON	68	92.7	312	68.0	51.5
46 HERTFORD	14	62.6	84	74.8	56.3
47 HOKE	15	61.4	67	57.5	67.6
48 HYDE	3	55.6	23	84.6	68.3
49 IREDELL	66	67.0	269	56.4	45.8
50 JACKSON	13	46.7	64	46.9	36.3
51 JOHNSTON	67	75.7	263	62.5	55.9
52 JONES	4	42.4	32	68.0	48.6
53 LEE	37	84.3	154	72.9	60.5
54 LENOIR	50	85.2	198	68.5	56.6
55 LINCOLN	25	47.1	147	57.5	51.0
56 MCDOWELL	30	82.8	136	75.8	56.8
57 MACON	19	76.1	86	71.4	33.9
58 MADISON	12	69.6	58	67.9	36.9
59 MARTIN	23	90.3	110	86.7	74.3
60 MECKLENBURG	265	48.4	1283	48.9	54.7
61 HITCHELL	15	103.4	54	74.9	36.4
62 MONTGOMERY	15	64.3	78	66.7	56.8
63 MOORE	41	65.6	210	69.7	41.9
64 NASH	47	58.3	213	54.7	49.5
65 NEW HANOVER	99	75.8	449	72.3	63.6
66 NORTHAMPTON	10	48.8	75	72.3	40.4
67 ONSLOW	44	29.2	226	30.2	63.6
68 ORANGE	34	33.5	191	39.4	48.5
69 PAMLICO	11	95.0	60	105.0	70.2
70 PASQUOTANK	26	79.5	113	71.4	61.6
71 PENDER	24	73.7	90	59.7	46.5
72 PERQUIMANS	10	94.7	46	88.0	60.0
73 PERSON	30	97.5	111	73.0	60.6
74 PITT	46	40.0	274	49.5	55.8
75 POLK	17	112.4	65	88.2	50.0
76 RANDOLPH	60	53.2	302	55.7	49.3
77 RICHMOND	25	55.8	144	64.3	53.7
78 ROBESON	73	67.2	289	54.4	65.2
79 ROCKINGHAM	68	78.3	313	72.6	58.0
80 ROWAN	79	68.9	369	65.9	50.6
81 RUTHERFORD	48	82.9	182	63.5	48.2
82 SAMPSON	42	85.1	163	67.8	53.0
83 SCOTLAND	28	82.2	92	54.1	57.2
84 STANLY	32	60.7	165	63.1	52.0
85 STOKES	30	76.9	123	65.0	58.4
86 SURRY	46	72.7	208	66.8	53.1
87 SWAIN	10	88.5	41	73.0	58.6
88 TRANSYLVANIA	15	55.9	83	63.7	42.6
89 TYRRELL	1	26.6	12	62.6	41.6
90 UNION	51	56.1	208	48.0	50.6
91 VANCE	33	82.8	144	73.7	69.9
92 WAKE	177	36.9	806	36.2	46.8
93 WARREN	12	68.2	63	72.5	51.2
94 WASHINGTON	9	65.3	37	53.1	41.2
95 WATAUGA	16	41.3	73	39.0	41.2
96 WAYNE	70	64.6	324	61.1	61.6
97 WILKES	38	62.2	151	50.2	38.1
98 WILSON	48	71.5	230	69.2	62.3
99 YADKIN	13	40.5	95	61.0	55.9
100 YANCEY	4	25.5	33	42.4	21.7

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cancer - Trachea, Bronchus & Lung

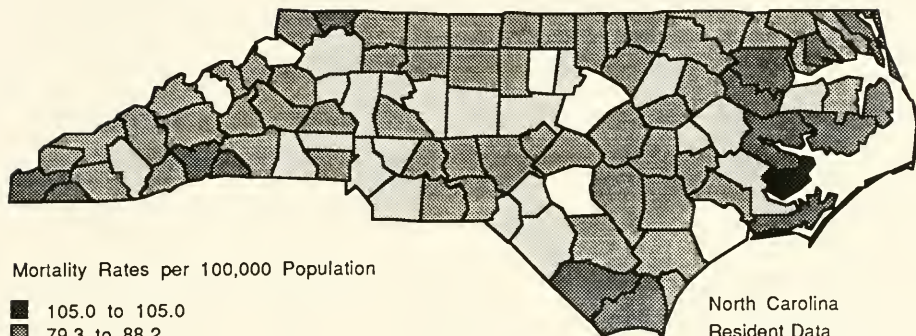


Figure 8.A

Cancer - Trachea, Bronchus & Lung

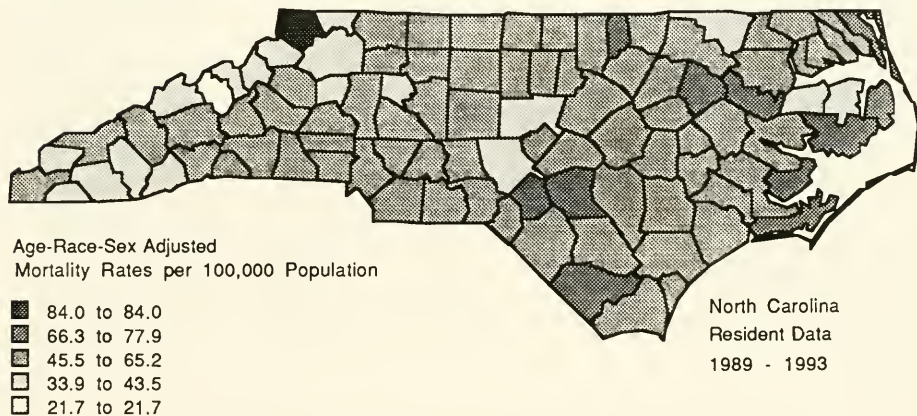


Figure 8.B

TABLE - 9
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
CANCER - BREAST - FEMALE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	1198	33.5	5620	32.3	29.1
REGIONS					
D.E.H.N.R. I	157	40.2	698	36.5	26.6
D.E.H.N.R. II	239	31.3	1172	31.7	29.4
D.E.H.N.R. III	231	31.9	1149	32.4	28.1
D.E.H.N.R. IV	209	28.8	1095	31.5	30.3
D.E.H.N.R. V	121	31.1	545	28.9	28.6
D.E.H.N.R. VI	130	38.7	563	34.2	30.1
D.E.H.N.R. VII	111	44.0	398	32.8	30.9
COUNTIES					
1 ALAMANCE	20	33.8	98	34.1	26.7
2 ALEXANDER	5	34.3	18	25.5	21.8
3 ALLEGHANY	0	0.0	6	24.0	13.1
4 ANSON	5	39.4	21	33.6	25.1
5 ASHE	6	51.8	15	26.0	14.7
6 AVERY	4	53.4	8	21.5	14.8
7 BEAUFORT	15	66.5	48	42.8	33.5
8 BERTIE	2	18.1	18	32.8	21.0
9 BLADEN	11	70.2	38	49.5	42.4
10 BRUNSWICK	14	48.1	45	33.1	26.8
11 BUNCOMBE	52	54.4	205	44.0	31.4
12 BURKE	15	37.6	54	27.6	23.7
13 CABARRUS	17	31.5	83	31.8	27.1
14 CALDWELL	13	35.3	48	26.4	21.9
15 CAMDEN	0	0.0	3	20.3	16.1
16 CARTERET	21	73.9	61	44.7	36.3
17 CASHWELL	1	9.2	17	31.7	24.9
18 CATAWBA	22	34.9	113	36.6	32.1
19 CHATHAM	9	42.5	47	46.0	37.2
20 CHEROKEE	4	36.3	17	31.8	23.6
21 CHOWAN	3	40.4	14	38.1	33.5
22 CLAY	2	51.3	9	48.1	26.8
23 CLEVELAND	14	30.9	45	20.2	16.9
24 COLUMBUS	14	52.6	40	30.2	24.0
25 CRAVEN	13	30.7	56	26.9	27.5
26 CUMBERLAND	33	23.3	140	20.6	26.0
27 CURRITUCK	6	82.0	17	48.6	43.5
28 DARE	4	33.2	16	27.6	20.1
29 DAVIDSON	10	15.0	81	24.6	21.2
30 DAVIE	2	13.7	16	22.2	18.2
31 DUPLIN	9	41.9	43	40.7	34.1
32 DURHAM	27	27.0	150	30.7	27.1
33 EDGECOMBE	11	35.5	58	37.5	34.0
34 FORSYTH	43	30.0	232	32.8	28.5
35 FRANKLIN	7	34.1	34	34.6	28.0
36 GASTON	40	43.6	152	33.2	30.0
37 GATES	2	41.4	10	41.9	30.6
38 GRAHAM	1	27.0	2	11.0	7.1
39 GRANVILLE	6	29.5	39	39.4	31.2
40 GREENE	3	37.9	12	30.7	26.5
41 GUILFORD	68	35.8	308	33.2	29.6

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
CANCER - BREAST - FEMALE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	12	40.0	66	44.7	36.9
43 HARNETT	11	29.4	49	27.4	25.6
44 HAYWOOD	8	31.2	57	45.5	34.3
45 HENDERSON	16	41.7	90	48.6	26.1
46 HERTFORD	5	41.4	23	38.1	27.8
47 HOKE	3	24.7	17	29.2	41.5
48 HYDE	1	36.2	8	57.5	45.4
49 IREDELL	17	33.5	79	32.1	27.6
50 JACKSON	0	0.0	19	26.8	21.3
51 JOHNSTON	8	17.5	62	28.5	25.9
52 JONES	3	59.9	4	16.0	6.1
53 LEE	6	26.4	33	30.2	24.9
54 LENOIR	16	51.0	66	42.7	35.6
55 LINCOLN	13	48.3	48	37.0	35.7
56 MCDOWELL	7	37.7	22	23.9	21.1
57 MACON	7	53.6	32	51.0	63.4
58 MADISON	4	45.8	16	36.9	23.5
59 MARTIN	4	29.6	25	37.2	31.5
60 MECKLENBURG	75	26.4	422	31.0	32.4
61 MITCHELL	5	66.1	15	40.0	24.5
62 MONTGOMERY	3	26.2	20	34.6	28.6
63 MOORE	20	61.1	71	45.0	30.8
64 NASH	12	28.4	78	38.1	34.4
65 NEW HANOVER	36	52.4	123	37.7	33.7
66 NORTHAMPTON	6	56.6	26	48.5	25.4
67 ONSLOW	7	11.5	52	17.3	27.3
68 ORANGE	14	26.2	61	23.9	27.8
69 PAWLICO	3	49.7	12	40.3	27.4
70 PASQUOTANK	6	34.5	26	30.9	26.1
71 PENDER	10	59.5	34	43.8	36.6
72 PERQUIMANS	3	54.6	11	40.5	29.1
73 PERSON	5	31.2	35	44.1	33.9
74 PITT	18	29.8	81	27.9	30.0
75 POLK	2	24.7	15	38.2	22.5
76 RANDOLPH	24	41.7	103	37.2	33.2
77 RICHMOND	11	47.0	49	41.9	34.1
78 ROBESON	12	21.0	78	27.8	28.3
79 ROCKINGHAM	11	24.1	90	39.8	33.6
80 ROWAN	16	27.1	101	35.1	28.8
81 RUTHERFORD	9	30.0	41	27.6	21.7
82 SAMPSON	7	27.0	40	31.7	25.0
83 SCOTLAND	5	27.4	22	24.2	24.9
84 STANLY	11	40.3	49	36.2	32.1
85 STOKES	4	20.2	23	23.9	21.5
86 SURRY	19	57.6	64	39.4	31.1
87 SWAIN	3	53.4	9	32.1	26.3
88 TRANSYLVANIA	3	21.8	24	36.0	21.6
89 TYRRELL	1	50.8	5	49.8	37.1
90 UNION	9	19.5	62	28.1	29.4
91 VANCE	8	37.9	31	30.0	28.0
92 WAKE	61	24.9	297	26.1	30.1
93 WARREN	3	32.8	17	37.6	26.0
94 WASHINGTON	5	68.7	16	43.6	37.8
95 WATAUGA	5	25.2	19	19.8	18.1
96 WAYNE	17	31.4	92	34.6	29.5
97 WILKES	8	25.6	39	25.4	22.9
98 WILSON	14	39.0	61	34.4	30.2
99 YADKIN	10	60.6	38	47.4	36.5
100 YANCEY	2	24.7	15	37.3	21.2

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cancer - Female Breast

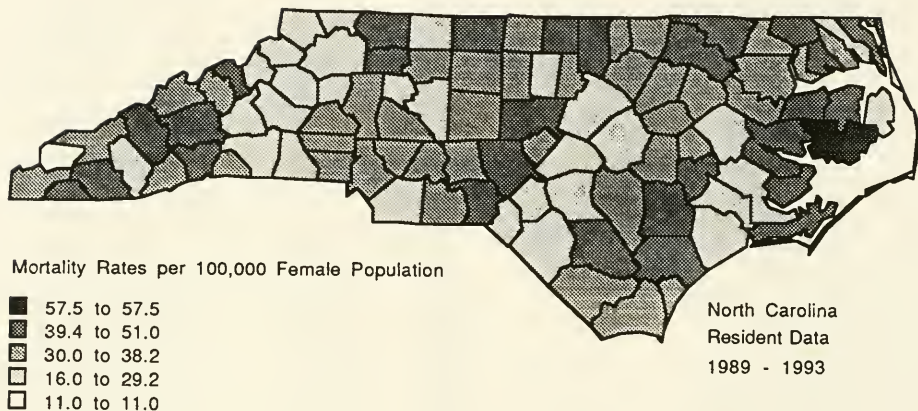


Figure 9.A

Cancer - Female Breast

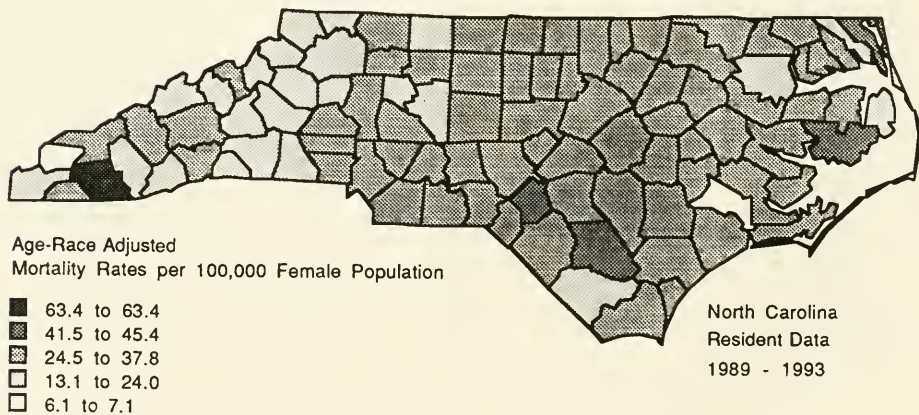


Figure 9.B

TABLE - 10
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
CANCER - PROSTATE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	1010	30.0	4812	29.4	25.4
REGIONS					
D.E.H.N.R. I	128	35.2	616	34.6	22.8
D.E.H.N.R. II	212	29.6	926	26.7	26.3
D.E.H.N.R. III	204	30.6	943	28.9	24.7
D.E.H.N.R. IV	173	25.9	963	30.1	26.9
D.E.H.N.R. V	117	31.0	496	27.1	24.7
D.E.H.N.R. VI	94	30.1	520	33.9	25.3
D.E.H.N.R. VII	82	30.8	348	26.9	27.9
COUNTIES					
1 ALAMANCE	14	26.2	91	35.0	25.0
2 ALEXANDER	4	27.7	20	28.6	35.1
3 ALLEGHANY	0	0.0	1	4.3	2.1
4 ANSON	3	26.8	17	30.8	18.0
5 ASHE	8	73.4	28	51.6	22.6
6 AVERY	1	13.3	3	8.0	3.6
7 BEAUFORT	4	19.8	43	42.9	28.1
8 BERTIE	5	53.3	32	68.1	37.6
9 BLADEN	10	72.7	32	47.1	25.9
10 BRUNSWICK	11	39.6	46	35.4	25.9
11 BUNCOMBE	30	34.6	168	39.8	27.4
12 BURKE	12	31.1	52	27.7	22.5
13 CABARRUS	9	17.7	60	24.5	21.7
14 CALDWELL	7	19.7	53	30.3	26.5
15 CAMDEN	2	66.1	5	33.6	22.2
16 CARTERET	10	36.2	41	30.8	30.0
17 CASWELL	3	29.0	15	29.4	20.7
18 CATAWBA	18	30.2	71	24.4	21.9
19 CHATHAM	2	10.1	39	40.6	27.0
20 CHEROKEE	2	19.6	17	34.3	22.7
21 CHOHAN	3	46.8	14	43.9	22.4
22 CLAY	1	27.5	8	45.5	15.1
23 CLEVELAND	17	40.6	74	36.1	29.4
24 COLUMBUS	10	42.4	43	36.6	24.9
25 CRAVEN	8	19.2	53	25.8	24.5
26 CUMBERLAND	16	10.6	110	15.2	25.8
27 CURRITUCK	3	40.3	10	28.1	22.7
28 DARE	6	50.3	14	24.4	16.9
29 DAVIDSON	20	31.2	81	25.6	24.0
30 DAVIE	5	35.4	27	38.9	36.3
31 DUPLIN	12	60.2	41	42.0	25.6
32 DURHAM	25	28.0	142	32.5	29.8
33 EDGECOMBE	10	38.8	52	40.0	27.9
34 FORSYTH	41	32.0	166	26.3	22.0
35 FRANKLIN	2	10.6	20	22.1	14.3
36 GASTON	17	20.0	75	17.7	18.5
37 GATES	0	0.0	4	17.2	10.1
38 GRAHAM	2	54.4	6	33.3	15.9
39 GRANVILLE	5	25.1	37	38.1	25.3
40 GREENE	4	50.1	7	17.9	17.2
41 GUILFORD	54	31.7	236	28.4	25.1

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
CANCER - PROSTATE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	11	40.8	62	46.6	25.3
43 HARNETT	6	17.1	48	28.5	25.4
44 HAYWOOD	12	51.6	31	27.2	11.5
45 HENDERSON	19	54.3	81	47.8	21.9
46 HERTFORD	2	19.4	27	52.0	32.0
47 HOKE	4	32.6	18	30.8	32.4
48 HYDE	1	38.1	6	45.2	22.3
49 IREDELL	15	31.5	58	25.2	20.7
50 JACKSON	6	44.9	22	33.5	21.0
51 JOHNSTON	19	44.4	68	33.5	29.0
52 JONES	0	0.0	5	22.7	14.3
53 LEE	7	33.1	34	33.4	27.6
54 LENOIR	5	18.3	47	34.9	22.0
55 LINCOLN	4	15.3	28	22.2	21.9
56 MCDOWELL	2	11.3	25	28.6	15.8
57 MACON	8	67.1	27	46.8	14.2
58 MADISON	3	35.3	9	21.4	68.4
59 MARTIN	1	8.3	26	43.6	24.5
60 HECKLENBURG	74	28.1	322	25.5	28.8
61 MITCHELL	1	14.4	9	26.1	11.4
62 MONTGOMERY	4	33.7	14	23.7	20.4
63 MOORE	20	67.2	79	55.0	29.1
64 NASH	12	31.4	54	29.2	23.6
65 NEW HANOVER	12	19.4	89	30.2	26.1
66 NORTHAMPTON	5	50.6	23	45.9	22.7
67 ONSLOW	19	21.2	54	12.1	35.5
68 ORANGE	14	29.1	60	26.1	28.4
69 PAHLICO	4	72.2	12	43.9	23.0
70 PASQUOTANK	3	19.6	26	35.0	21.9
71 PENDER	8	50.8	34	46.5	29.4
72 PERQUIMANS	1	19.7	11	43.9	22.1
73 PERSON	1	6.8	22	30.2	21.0
74 PITT	18	32.9	80	30.4	29.9
75 POLK	2	28.4	17	49.4	24.3
76 RANDOLPH	18	32.7	70	26.4	29.3
77 RICHMOND	12	56.1	32	29.9	19.4
78 ROBESON	28	54.6	86	34.2	24.2
79 ROCKINGHAM	13	31.5	74	36.1	26.6
80 ROWAN	34	61.0	112	41.2	30.0
81 RUTHERFORD	13	46.6	46	33.4	25.0
82 SAMPSON	10	42.7	40	35.0	21.7
83 SCOTLAND	4	25.3	20	25.3	23.3
84 STANLY	5	19.6	37	29.3	23.6
85 STOKES	8	41.7	27	29.1	21.2
86 SURRY	11	36.4	49	32.9	25.6
87 SWAIN	1	17.6	7	24.9	18.5
88 TRANSYLVANIA	5	38.3	24	37.8	32.3
89 TYRRELL	1	55.6	3	32.9	15.6
90 UNION	15	33.6	69	32.5	36.7
91 VANCE	7	37.3	32	34.8	21.3
92 WAKE	41	17.5	225	20.7	28.3
93 WARREN	5	59.2	35	84.0	37.6
94 WASHINGTON	4	61.6	14	42.4	26.8
95 WATAUGA	0	0.0	20	21.9	33.0
96 WAYNE	19	35.0	81	30.6	28.1
97 WILKES	6	20.1	35	23.8	23.1
98 WILSON	7	22.4	58	37.4	30.4
99 YADKIN	3	19.2	23	30.4	28.0
100 YANCEY	1	13.2	11	29.2	13.1

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Cancer - Prostate

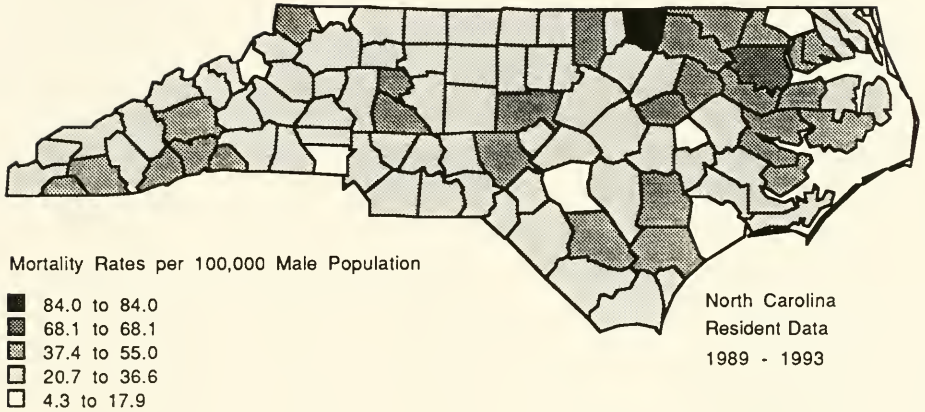


Figure 10.A

Cancer - Prostate

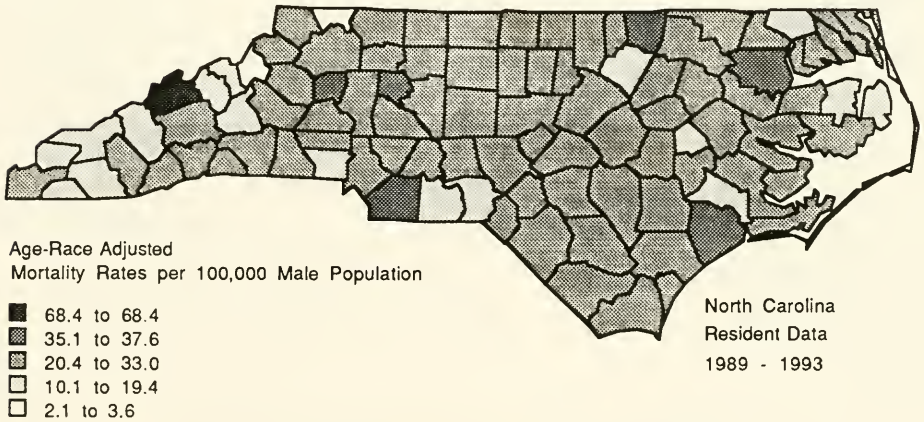


Figure 10.B

TABLE - 11
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS

AIDS					
GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	812	11.7	2725	8.1	7.0
REGIONS					
D.E.H.N.R. I	42	5.6	143	3.9	4.8
D.E.H.N.R. II	227	15.4	722	10.1	9.5
D.E.H.N.R. III	151	10.9	486	7.1	7.0
D.E.H.N.R. IV	191	13.7	674	10.1	7.5
D.E.H.N.R. V	78	10.2	279	7.5	5.5
D.E.H.N.R. VI	70	10.8	237	7.5	5.7
D.E.H.N.R. VII	53	10.2	184	7.3	6.6
COUNTIES					
1 ALAMANCE	16	14.2	33	6.0	5.7
2 ALEXANDER	2	6.9	4	2.8	4.1
3 ALLEGHANY	1	10.5	1	2.1	1.4
4 ANSON	5	21.0	11	9.3	5.4
5 ASHE	0	0.0	0	0.0	0.0
6 AVERY	1	6.7	2	2.7	1.8
7 BEAUFORT	8	18.7	15	7.1	6.9
8 BERTIE	0	0.0	4	3.9	4.8
9 BLADEN	1	3.4	11	7.6	5.3
10 BRUNSWICK	6	10.5	19	7.2	7.0
11 BUNCOMBE	23	12.6	52	5.9	6.9
12 BURKE	1	1.3	8	2.1	2.0
13 CABARRUS	7	6.7	31	6.1	6.4
14 CALDWELL	2	2.8	9	2.5	3.8
15 CAMDEN	0	0.0	1	3.4	3.7
16 CARTERET	3	5.4	12	4.5	4.3
17 CASWELL	2	9.4	7	6.7	5.1
18 CATAWBA	14	11.4	29	4.8	5.4
19 CHATHAM	2	4.9	6	3.0	2.8
20 CHEROKEE	1	4.7	4	3.9	5.7
21 CHOWAN	1	7.2	6	8.7	8.5
22 CLAY	0	0.0	0	0.0	0.0
23 CLEVELAND	9	10.3	31	7.2	6.9
24 COLUMBUS	10	19.9	27	10.8	7.6
25 CRAVEN	6	7.1	25	6.1	5.3
26 CUMBERLAND	28	9.6	112	8.0	5.9
27 CURRITUCK	0	0.0	5	7.1	8.8
28 DARE	2	8.3	4	3.5	5.2
29 DAVIDSON	15	11.5	32	5.0	5.7
30 DAVIE	3	10.4	6	4.2	6.6
31 DUPLIN	5	12.1	20	9.8	6.7
32 DURHAM	50	26.4	169	18.3	12.0
33 EDGECOMBE	4	7.0	21	7.4	3.9
34 FORSYTH	33	12.1	125	9.3	7.7
35 FRANKLIN	5	12.7	17	9.0	6.5
36 GASTON	20	11.3	62	7.0	7.6
37 GATES	0	0.0	2	4.2	5.3
38 GRAHAM	1	13.6	1	2.8	1.9
39 GRANVILLE	8	19.9	20	10.2	6.7
40 GREENE	1	6.3	2	2.6	1.0
41 GUILFORD	70	19.4	235	13.4	10.4

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
AIDS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	7	12.3	19	6.8	5.2
43 HARNETT	8	11.0	25	7.2	6.7
44 HAYWOOD	2	4.1	13	5.4	4.3
45 HENDERSON	4	5.5	15	4.2	5.4
46 HERTFORD	4	17.9	9	8.0	6.3
47 HOKE	5	20.5	13	11.2	4.3
48 HYDE	0	0.0	0	0.0	0.0
49 IREDELL	5	5.1	18	3.8	4.1
50 JACKSON	0	0.0	4	2.9	3.5
51 JOHNSTON	9	10.2	33	7.8	8.0
52 JONES	0	0.0	2	4.3	2.7
53 LEE	3	6.8	7	3.3	2.9
54 LENOIR	9	15.3	21	7.3	5.2
55 LINCOLN	1	1.9	6	2.3	1.8
56 MCDOWELL	0	0.0	3	1.7	1.3
57 MACON	2	8.0	3	2.5	2.1
58 MADISON	0	0.0	2	2.3	1.9
59 MARTIN	0	0.0	5	3.9	2.7
60 HECKLENBURG	153	27.9	476	18.2	13.7
61 MITCHELL	1	6.9	1	1.4	0.9
62 MONTGOMERY	2	8.6	7	6.0	4.4
63 MOORE	3	4.8	11	3.6	3.9
64 NASH	8	9.9	31	8.0	6.0
65 NEW HANOVER	15	11.5	66	10.6	10.3
66 NORTHAMPTON	3	14.6	7	6.7	3.9
67 ONSLOW	12	8.0	31	4.1	4.4
68 ORANGE	10	9.8	25	5.2	4.8
69 PAMLICO	4	34.6	9	15.7	15.9
70 PASQUOTANK	2	6.1	9	5.7	4.6
71 PENDER	2	6.1	9	6.0	5.4
72 PERQUIMANS	0	0.0	0	0.0	0.0
73 PERSON	4	13.0	9	5.9	4.9
74 PITT	22	19.1	58	10.5	7.6
75 POLK	0	0.0	3	4.1	3.6
76 RANDOLPH	2	1.8	16	3.0	3.5
77 RICHMOND	4	8.9	12	5.4	4.2
78 ROBESON	11	10.1	36	6.8	4.7
79 ROCKINGHAM	6	6.9	17	3.9	3.8
80 ROWAN	8	7.0	32	5.7	6.0
81 RUTHERFORD	1	1.7	13	4.5	5.2
82 SAMPSON	6	12.2	23	9.6	8.4
83 SCOTLAND	5	14.7	18	10.6	8.3
84 STANLY	3	5.7	12	4.6	4.7
85 STOKES	0	0.0	1	0.5	0.4
86 SURRY	1	1.6	6	1.9	4.8
87 SWAIN	0	0.0	3	5.3	4.8
88 TRANSYLVANIA	3	11.2	7	5.4	7.0
89 TYRRELL	0	0.0	1	5.2	2.9
90 UNION	5	5.5	21	4.9	5.6
91 VANCE	12	30.1	28	14.3	9.8
92 WAKE	60	12.5	239	10.7	8.6
93 WARREN	1	5.7	7	8.1	5.1
94 WASHINGTON	1	7.3	8	11.5	6.0
95 WATAUGA	0	0.0	1	0.5	0.5
96 WAYNE	10	9.2	51	9.6	6.8
97 WILKES	2	3.3	4	1.3	2.4
98 WILSON	5	7.4	36	10.8	7.7
99 YADKIN	0	0.0	2	1.3	0.9
100 YANCEY	0	0.0	0	0.0	0.0

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Acquired Immune Deficiency Syndrome

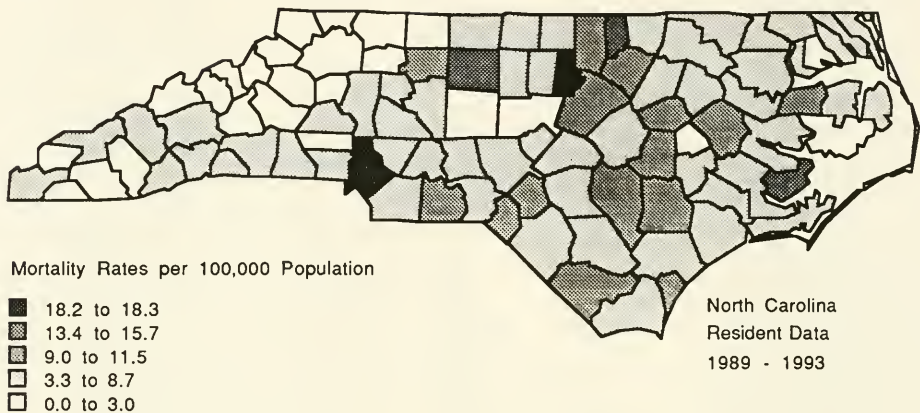


Figure 11.A

Acquired Immune Deficiency Syndrome

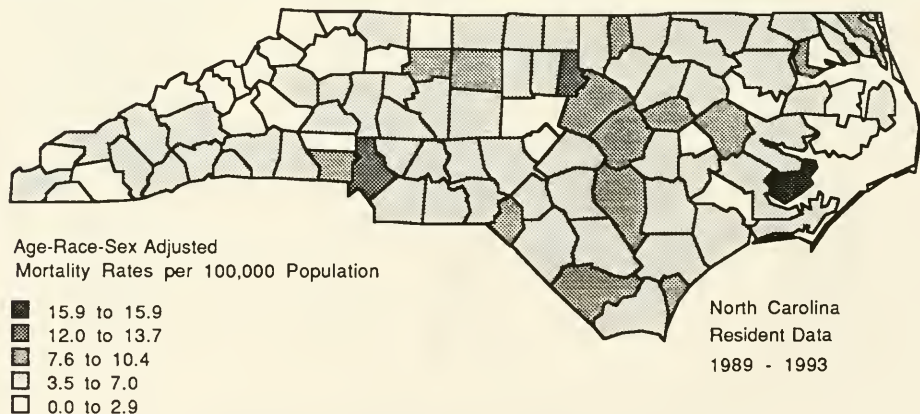


Figure 11.B

TABLE - 12
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
SEPTICEMIA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	616	8.9	2823	8.4	6.9
REGIONS					
D.E.H.N.R. I	88	11.7	330	8.9	5.5
D.E.H.N.R. II	112	7.6	506	7.1	6.3
D.E.H.N.R. III	139	10.0	635	9.3	7.6
D.E.H.N.R. IV	115	8.3	542	8.1	7.0
D.E.H.N.R. V	63	8.2	302	8.1	7.5
D.E.H.N.R. VI	65	10.0	339	10.7	8.3
D.E.H.N.R. VII	34	6.6	169	6.7	6.4
COUNTIES					
1 ALAMANCE	15	13.3	58	10.6	7.8
2 ALEXANDER	3	10.3	10	7.1	5.6
3 ALLEGHANY	3	31.5	8	16.6	24.3
4 ANSON	1	4.2	9	7.6	4.6
5 ASHE	0	0.0	8	7.2	3.2
6 AVERY	1	6.7	4	5.4	3.1
7 BEAUFORT	8	18.7	42	19.8	12.3
8 BERTIE	0	0.0	12	11.8	6.4
9 BLADEN	3	10.2	17	11.7	8.7
10 BRUNSWICK	5	8.8	19	7.2	5.9
11 BUNCOMBE	19	10.4	78	8.8	5.8
12 BURKE	2	2.5	17	4.4	2.9
13 CABARRUS	7	6.7	42	8.3	6.6
14 CALDWELL	2	2.8	19	5.3	5.7
15 CAMDEN	0	0.0	1	3.4	2.5
16 CARTERET	2	3.6	20	7.4	5.2
17 CASHWELL	1	4.7	7	6.7	5.0
18 CATAWBA	6	4.9	34	5.7	5.1
19 CHATHAM	7	17.1	21	10.6	7.2
20 CHEROKEE	2	9.4	9	8.7	4.2
21 CHOWAN	0	0.0	7	10.2	6.6
22 CLAY	0	0.0	2	5.5	2.4
23 CLEVELAND	12	13.8	45	10.5	8.3
24 COLUMBUS	9	17.9	39	15.6	10.9
25 CRAVEN	9	10.7	29	7.0	6.6
26 CUMBERLAND	16	5.5	85	6.1	9.3
27 CURRITUCK	0	0.0	8	11.3	9.1
28 DARE	4	16.7	10	8.7	6.6
29 DAVIDSON	4	3.1	42	6.5	5.5
30 DAVIE	4	13.9	14	9.9	8.7
31 DUPLIN	6	14.5	15	7.4	5.4
32 DURHAM	20	10.6	99	10.7	8.9
33 EDGECOMBE	11	19.4	39	13.7	9.2
34 FORSYTH	31	11.4	151	11.3	9.0
35 FRANKLIN	0	0.0	9	4.8	2.6
36 GASTON	16	9.0	68	7.7	6.6
37 GATES	1	10.5	5	10.6	9.7
38 GRAHAM	0	0.0	2	5.5	2.5
39 GRANVILLE	2	5.0	22	11.2	8.9
40 GREENE	1	6.3	6	7.7	7.3
41 GUILFORD	30	8.3	116	6.6	5.3

* SEE SECTIONS I AND II

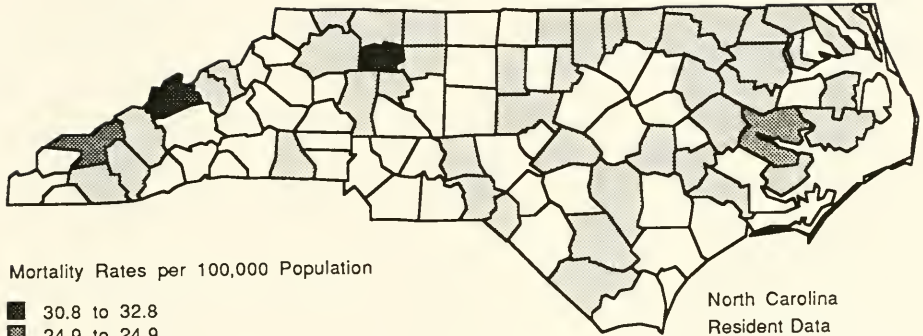
MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
SEPTICEMIA CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	7	12.3	33	11.8	7.2
43 HARNETT	12	16.5	38	10.9	9.6
44 HAYWOOD	7	14.3	24	10.0	9.7
45 HENDERSON	3	4.1	30	8.5	6.2
46 HERTFORD	3	13.4	17	15.1	10.9
47 HOKE	1	4.1	7	6.0	6.6
48 HYDE	0	0.0	3	11.0	5.5
49 IREDELL	11	11.2	55	11.5	8.8
50 JACKSON	4	14.4	20	14.7	8.8
51 JOHNSTON	7	7.9	32	7.6	6.2
52 JONES	2	21.2	6	12.8	7.4
53 LEE	2	4.6	12	5.7	4.3
54 LENOIR	6	10.2	32	11.1	8.0
55 LINCOLN	3	5.7	21	8.2	11.5
56 MCDOWELL	6	16.6	15	8.4	5.2
57 MACON	5	20.0	18	14.9	5.1
58 MADISON	14	81.2	28	32.8	13.6
59 MARTIN	3	11.8	14	11.0	6.6
60 MECKLENBURG	31	5.7	152	5.8	5.7
61 MITCHELL	2	13.8	8	11.1	4.7
62 MONTGOMERY	2	8.6	12	10.3	8.6
63 MOORE	6	9.6	18	6.0	4.2
64 NASH	4	5.0	26	6.7	5.1
65 NEW HANOVER	6	4.6	38	6.1	5.2
66 NORTHAMPTON	2	9.8	13	12.5	8.1
67 ONSLOW	3	2.0	28	3.7	8.2
68 ORANGE	6	5.9	33	6.8	8.0
69 PAHLICO	1	8.6	6	10.5	5.8
70 PASQUOTANK	1	3.1	20	12.6	10.5
71 PENDER	3	9.2	10	6.6	4.8
72 PERQUIMANS	1	9.5	4	7.7	3.9
73 PERSON	3	9.8	16	10.5	7.8
74 PITT	10	8.7	55	9.9	9.0
75 POLK	2	13.2	5	6.8	2.1
76 RANDOLPH	8	7.1	40	7.4	6.5
77 RICHMOND	8	17.9	23	10.3	7.9
78 ROBESON	7	6.4	42	7.9	6.0
79 ROCKINGHAM	11	12.7	34	7.9	5.7
80 ROWAN	12	10.5	40	7.1	4.6
81 RUTHERFORD	7	12.1	21	7.3	4.6
82 SAMPSON	3	6.1	29	12.1	8.5
83 SCOTLAND	4	11.7	22	12.9	11.1
84 STANLY	5	9.5	18	6.9	4.8
85 STOKES	1	2.6	19	10.0	9.9
86 SURRY	10	15.8	36	11.6	8.9
87 SWAIN	7	62.0	14	24.9	16.9
88 TRANSYLVANIA	3	11.2	8	6.1	2.6
89 TYRRELL	0	0.0	2	10.4	6.6
90 UNION	6	6.6	21	4.9	4.6
91 VANCE	5	12.6	22	11.3	8.6
92 WAKE	32	6.7	129	5.8	7.0
93 WARREN	0	0.0	10	11.5	7.1
94 WASHINGTON	0	0.0	4	5.7	2.8
95 WATAUGA	2	5.2	13	6.9	5.2
96 WAYNE	15	13.8	56	10.6	10.3
97 WILKES	12	19.6	41	13.6	11.5
98 WILSON	7	10.4	26	7.8	5.3
99 YADKIN	7	21.8	48	30.8	20.2
100 YANCEY	2	12.7	8	10.3	4.6

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Septicemia



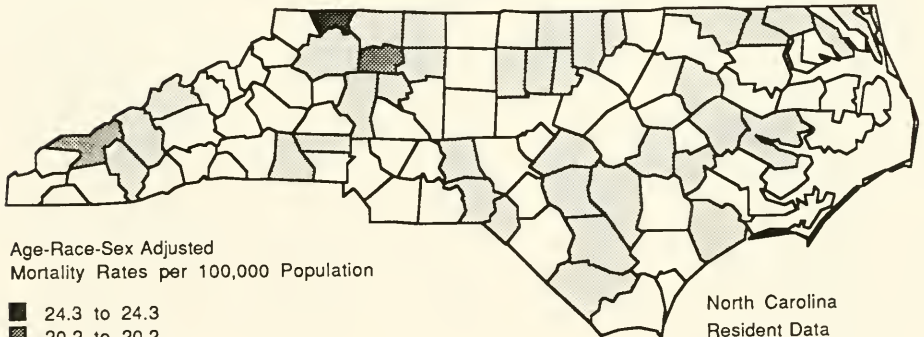
Mortality Rates per 100,000 Population

- 30.8 to 32.8
- ▨ 24.9 to 24.9
- ▩ 19.8 to 19.8
- 9.9 to 16.6
- 3.4 to 8.8

North Carolina
Resident Data
1989 - 1993

Figure 12.A

Septicemia



Age-Race-Sex Adjusted
Mortality Rates per 100,000 Population

- 24.3 to 24.3
- ▨ 20.2 to 20.2
- ▩ 16.9 to 16.9
- 7.8 to 13.6
- 2.1 to 7.4

North Carolina
Resident Data
1989 - 1993

Figure 12.B

TABLE - 13
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
DIABETES MELLITUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	1568	22.6	7143	21.2	18.6
REGIONS					
D.E.H.N.R. I	206	27.3	849	23.0	19.9
D.E.H.N.R. II	295	20.0	1368	19.1	18.8
D.E.H.N.R. III	294	21.1	1425	20.9	18.3
D.E.H.N.R. IV	308	22.1	1412	21.2	18.6
D.E.H.N.R. V	177	23.1	831	22.4	19.9
D.E.H.N.R. VI	176	27.1	798	25.1	19.0
D.E.H.N.R. VII	112	21.6	460	18.3	17.9
COUNTIES					
1 ALAMANCE	33	29.3	180	32.9	24.8
2 ALEXANDER	4	13.8	17	12.1	11.7
3 ALLEGHANY	2	21.0	5	10.3	3.8
4 ANSON	6	25.1	27	22.9	14.1
5 ASHE	3	13.3	19	17.0	21.4
6 AVERY	8	53.2	15	20.1	11.4
7 BEAUFORT	16	37.4	87	40.9	26.8
8 BERTIE	9	44.1	38	37.3	24.8
9 BLADEN	2	6.8	42	29.0	18.7
10 BRUNSWICK	23	40.4	62	23.3	18.3
11 BUNCOMBE	49	26.9	179	20.2	17.0
12 BURKE	21	26.7	93	24.2	21.5
13 CABARRUS	20	19.1	91	18.0	15.7
14 CALDWELL	18	24.9	98	27.5	28.0
15 CAMDEN	0	0.0	7	23.6	19.2
16 CARTERET	10	17.8	54	20.0	20.6
17 CASWELL	8	37.7	31	29.6	16.7
18 CATAWBA	23	18.8	109	18.2	19.5
19 CHATHAM	12	29.2	59	29.8	20.9
20 CHEROKEE	4	18.8	22	21.4	14.4
21 CHOWAN	6	43.4	16	23.3	11.9
22 CLAY	0	0.0	2	5.5	2.4
23 CLEVELAND	19	21.8	110	25.7	21.4
24 COLUMBUS	12	23.9	62	24.8	17.9
25 CRAVEN	11	13.1	53	12.8	10.9
26 CUMBERLAND	55	18.8	219	15.6	22.4
27 CURRITUCK	1	6.8	12	17.0	15.8
28 DARE	1	4.2	13	11.3	8.4
29 DAVIDSON	24	18.4	111	17.2	15.9
30 DAVIE	7	24.3	30	21.2	16.9
31 DUPLIN	7	16.9	54	26.6	17.0
32 DURHAM	39	20.6	180	19.5	16.2
33 EDGECOMBE	19	33.5	75	26.3	20.7
34 FORSYTH	54	19.9	311	23.2	19.2
35 FRANKLIN	17	43.1	57	30.2	21.7
36 GASTON	34	19.2	159	18.1	16.4
37 GATES	2	21.0	7	14.9	10.3
38 GRAHAM	4	54.3	12	33.2	77.5
39 GRANVILLE	13	32.3	47	24.0	16.1
40 GREENE	5	31.4	16	20.5	17.1
41 GUILFORD	69	19.1	334	19.0	16.6

* SEE SECTIONS I AND II

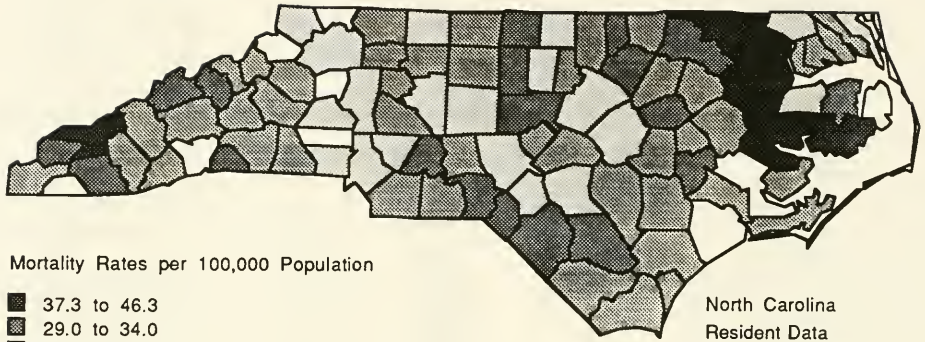
MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
DIABETES MELLITUS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	19	33.4	93	33.1	22.6
43 HARNETT	15	20.7	87	25.1	22.9
44 HAYWOOD	14	28.6	61	25.5	24.6
45 HENDERSON	16	21.8	47	13.2	15.1
46 HERTFORD	20	89.4	42	37.4	24.4
47 HOKE	4	16.4	20	17.2	12.8
48 HYDE	2	37.1	12	44.1	23.6
49 IREDELL	19	19.3	83	17.4	16.2
50 JACKSON	4	14.4	29	21.3	21.7
51 JOHNSTON	12	13.6	78	18.5	15.9
52 JONES	1	10.6	12	25.5	13.1
53 LEE	10	22.8	55	26.0	21.7
54 LENOIR	20	34.1	90	31.1	22.5
55 LINCOLN	4	7.5	30	11.7	13.1
56 MCDOWELL	12	33.1	45	25.1	20.0
57 MACON	11	44.0	39	32.4	16.6
58 MADISON	5	29.0	25	29.3	15.2
59 MARTIN	12	47.1	52	41.0	25.9
60 MECKLENBURG	105	19.2	470	17.9	19.1
61 MITCHELL	6	41.4	20	27.8	14.8
62 MONTGOMERY	3	12.9	26	22.2	17.2
63 MOORE	12	19.2	48	15.9	11.2
64 NASH	19	23.6	96	24.6	20.3
65 NEW HANOVER	27	20.7	134	21.6	18.5
66 NORTHAMPTON	11	53.7	40	38.6	18.4
67 ONSLOW	20	13.3	55	7.4	15.1
68 ORANGE	14	13.8	72	14.9	16.9
69 PAMLICO	2	17.3	12	21.0	12.5
70 PASQUOTANK	8	24.5	35	22.1	17.6
71 PENDER	13	39.9	39	25.9	17.1
72 PERQUIMANS	3	28.4	11	21.1	13.3
73 PERSON	5	16.3	23	15.1	11.4
74 PITT	26	22.6	145	26.2	24.2
75 POLK	3	19.8	25	33.9	20.4
76 RANDOLPH	21	18.6	94	17.3	18.3
77 RICHMOND	12	26.8	69	30.8	22.4
78 ROBESON	44	40.5	177	33.3	27.9
79 ROCKINGHAM	25	28.8	117	27.1	20.9
80 ROWAN	33	28.8	132	23.6	19.6
81 RUTHERFORD	11	19.0	60	20.9	17.1
82 SAMPSON	9	18.2	63	26.2	17.6
83 SCOTLAND	15	44.0	53	31.2	26.1
84 STANLY	14	26.5	83	31.7	26.3
85 STOKES	8	20.5	30	15.9	17.3
86 SURRY	15	23.7	63	20.2	16.5
87 SWAIN	9	79.7	26	46.3	40.0
88 TRANSYLVANIA	8	29.8	26	20.0	16.4
89 TYRRELL	1	26.6	6	31.3	12.7
90 UNION	20	22.0	84	19.4	22.6
91 VANCE	20	50.2	66	33.8	28.6
92 WAKE	74	15.4	338	15.2	18.6
93 WARREN	5	28.4	20	23.0	10.8
94 WASHINGTON	3	21.8	12	17.2	12.2
95 WATAUGA	5	12.9	16	8.5	6.5
96 WAYNE	27	24.9	120	22.6	20.5
97 WILKES	8	13.1	51	17.0	12.6
98 WILSON	19	28.3	113	34.0	24.6
99 YADKIN	12	37.4	33	21.2	15.5
100 YANCEY	3	19.1	25	32.1	15.0

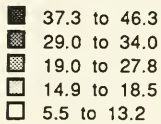
* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Diabetes Mellitus



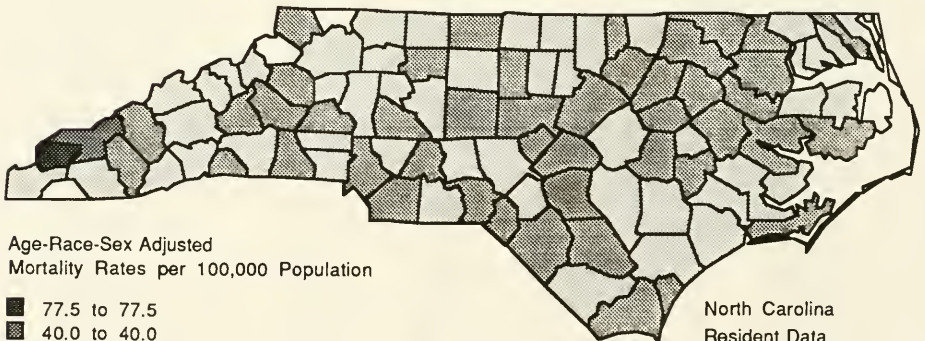
Mortality Rates per 100,000 Population



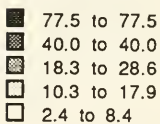
North Carolina
Resident Data
1989 - 1993

Figure 13.A

Diabetes Mellitus



Age-Race-Sex Adjusted
Mortality Rates per 100,000 Population



North Carolina
Resident Data
1989 - 1993

Figure 13.B

TABLE - 14
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
PNEUMONIA AND INFLUENZA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	2291	33.0	9957	29.5	23.5
REGIONS					
D.E.H.N.R. I	347	46.0	1537	41.7	23.5
D.E.H.N.R. II	467	31.6	2020	28.2	23.8
D.E.H.N.R. III	491	35.3	2092	30.7	22.7
D.E.H.N.R. IV	384	27.6	1714	25.7	22.6
D.E.H.N.R. V	254	33.2	1016	27.4	25.9
D.E.H.N.R. VI	233	35.9	1029	32.4	25.8
D.E.H.N.R. VII	115	22.2	549	21.9	20.7
COUNTIES					
1 ALAMANCE	19	16.9	133	24.3	16.5
2 ALEXANDER	10	34.4	56	39.8	33.9
3 ALLEGHANY	1	10.5	28	57.9	22.9
4 ANSON	18	75.4	76	64.6	43.7
5 ASHE	15	66.7	36	32.2	18.4
6 AVERY	4	26.6	42	56.2	31.2
7 BEAUFORT	24	56.1	111	52.2	33.9
8 BERTIE	6	29.4	42	41.2	30.1
9 BLADEN	19	64.6	76	52.5	39.0
10 BRUNSWICK	14	24.6	72	27.1	22.6
11 BUNCOMBE	62	34.0	367	41.4	23.6
12 BURKE	16	20.4	94	24.5	16.7
13 CABARRUS	49	46.8	216	42.7	31.5
14 CALDWELL	14	19.4	86	24.1	17.3
15 CAMDEN	1	16.7	7	23.6	16.3
16 CARTERET	6	10.7	52	19.3	16.0
17 CASWELL	8	37.7	34	32.5	19.4
18 CATAWBA	44	35.9	195	32.5	26.8
19 CHATHAM	22	53.6	62	31.3	19.9
20 CHEROKEE	8	37.7	43	41.8	15.6
21 CHOWAN	12	86.8	52	75.8	38.4
22 CLAY	1	13.3	8	22.0	99.7
23 CLEVELAND	41	47.0	181	42.3	30.4
24 COLUMBUS	21	41.8	95	38.0	29.1
25 CRAVEN	21	25.0	91	22.0	21.3
26 CUMBERLAND	52	17.8	196	14.0	22.5
27 CURRITUCK	8	54.2	35	49.6	41.7
28 DARE	13	54.2	35	30.3	30.2
29 DAVIDSON	41	31.4	164	25.4	20.9
30 DAVIE	16	55.6	59	41.7	28.2
31 DUPLIN	14	33.8	76	37.4	26.8
32 DURHAM	51	27.0	243	26.3	22.2
33 EDGECOMBE	19	33.5	93	32.7	28.1
34 FORSYTH	88	32.4	410	30.6	22.9
35 FRANKLIN	12	30.5	53	28.1	19.7
36 GASTON	65	36.8	249	28.3	22.8
37 GATES	3	31.5	17	36.1	25.3
38 GRAHAM	6	81.4	16	44.2	28.1
39 GRANVILLE	21	52.2	98	50.0	41.4
40 GREENE	6	37.7	22	28.1	21.3
41 GUILFORD	121	33.6	514	29.2	22.4

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
PNEUMONIA AND INFLUENZA CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	12	21.1	89	31.7	20.5
43 HARNETT	25	34.5	107	30.8	26.3
44 HAYWOOD	33	67.5	113	47.3	19.9
45 HENDERSON	54	73.6	195	55.0	24.3
46 HERTFORD	6	26.8	42	37.4	17.9
47 HOKE	3	12.3	36	30.9	33.4
48 HYDE	2	37.1	15	55.2	36.3
49 IREDELL	40	40.6	146	30.6	21.3
50 JACKSON	21	75.5	68	49.8	28.8
51 JOHNSTON	25	28.2	120	28.5	23.3
52 JONES	3	31.8	14	29.8	19.7
53 LEE	15	34.2	74	35.0	27.3
54 LENOIR	19	32.4	80	27.7	20.7
55 LINCOLN	20	37.7	58	22.7	18.6
56 MCDOWELL	13	35.9	63	35.1	20.9
57 MACON	15	60.0	52	43.2	15.0
58 MADISON	13	75.4	52	60.9	25.3
59 MARTIN	9	35.3	45	35.5	26.1
60 MECKLENBURG	119	21.7	529	20.2	19.7
61 MITCHELL	7	48.2	33	45.8	18.6
62 MONTGOMERY	7	30.0	31	26.5	18.9
63 MOORE	34	54.4	138	45.8	24.4
64 NASH	30	37.2	131	33.6	26.1
65 NEW HANOVER	40	30.6	142	22.9	18.4
66 NORTHAMPTON	8	39.0	48	46.3	28.2
67 ONSLOW	13	8.6	72	9.6	20.8
68 ORANGE	25	24.6	85	17.5	18.0
69 PAMLICO	6	51.8	31	54.2	31.9
70 PASQUOTANK	12	36.7	61	38.5	25.0
71 PENDER	7	21.5	40	26.5	21.0
72 PERQUIMANS	1	9.5	18	34.5	18.0
73 PERSON	14	45.5	57	37.5	25.0
74 PITT	42	36.5	155	28.0	27.7
75 POLK	10	66.1	47	63.8	18.6
76 RANDOLPH	26	23.1	117	21.6	15.5
77 RICHMOND	18	40.2	70	31.3	23.2
78 ROBESON	33	30.4	155	29.2	28.1
79 ROCKINGHAM	29	33.4	125	29.0	20.4
80 ROWAN	48	41.8	214	38.2	24.4
81 RUTHERFORD	44	76.0	155	54.1	34.5
82 SAMPSON	30	60.8	90	37.4	26.0
83 SCOTLAND	15	44.0	41	24.1	23.2
84 STANLY	8	15.2	50	19.1	13.2
85 STOKES	36	92.2	91	48.1	44.3
86 SURRY	32	50.6	127	40.8	28.6
87 SWAIN	6	53.1	29	51.6	33.8
88 TRANSYLVANIA	9	33.6	40	30.7	18.0
89 TYRRELL	3	79.7	8	41.7	19.3
90 UNION	23	25.3	126	29.1	30.7
91 VANCE	11	27.6	88	45.0	29.8
92 WAKE	91	19.0	340	15.3	18.2
93 WARREN	10	56.8	34	39.1	19.4
94 WASHINGTON	5	36.3	32	45.9	34.6
95 WATAUGA	18	46.5	47	25.1	18.9
96 WAYNE	31	28.6	116	21.9	21.6
97 WILKES	25	40.9	132	43.9	34.3
98 WILSON	18	26.8	99	29.8	23.6
99 YADKIN	16	49.8	75	48.2	28.1
100 YANCEY	11	70.1	34	43.7	30.2

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Pneumonia and Influenza

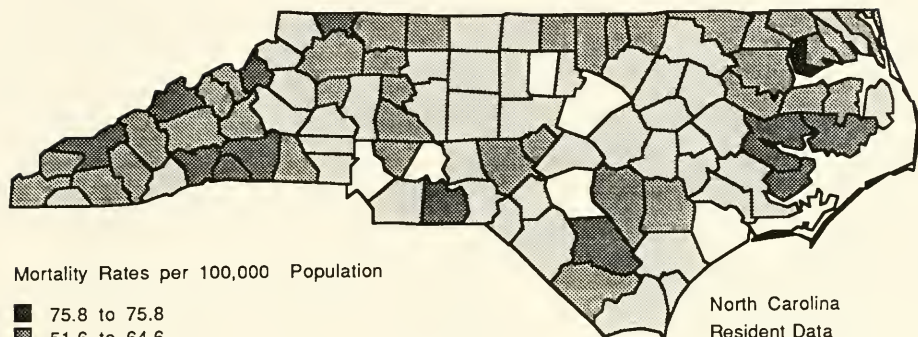


Figure 14.A

Pneumonia and Influenza

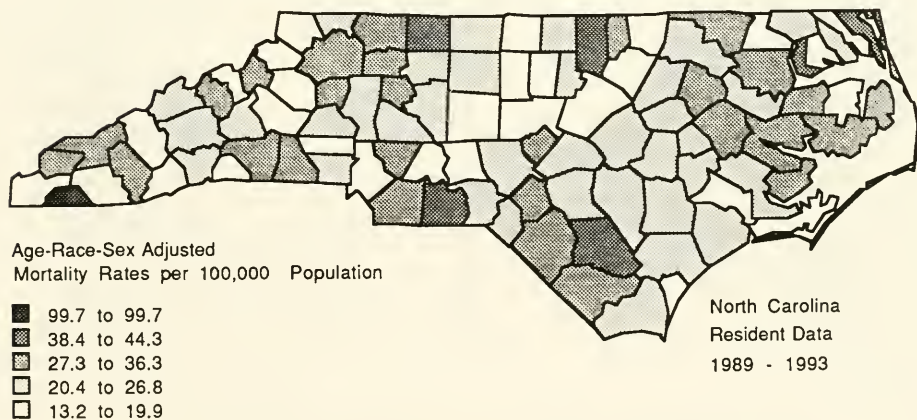


Figure 14.B

TABLE - 15
MORTALITY STATISTICS FOR 1993

NORTH CAROLINA RESIDENTS

CHRONIC OBSTRUCTIVE PULMONARY DISEASES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	2829	40.7	11468	34.0	29.0
REGIONS					
D.E.H.N.R. I	432	57.3	1746	47.3	28.4
D.E.H.N.R. II	538	36.4	2157	30.1	26.7
D.E.H.N.R. III	680	48.9	2720	39.9	31.4
D.E.H.N.R. IV	455	32.7	1844	27.6	27.5
D.E.H.N.R. V	273	35.7	1089	29.3	30.2
D.E.H.N.R. VI	276	42.6	1152	36.2	32.5
D.E.H.N.R. VII	175	33.8	760	30.3	29.3
COUNTIES					
1 ALAMANCE	69	61.3	283	51.7	36.5
2 ALEXANDER	6	20.7	31	22.1	20.8
3 ALLEGHANY	5	52.5	28	57.9	37.2
4 ANSON	7	29.3	32	27.2	21.8
5 ASHE	27	120.1	79	70.6	82.1
6 AVERY	9	59.9	41	54.9	30.1
7 BEAUFORT	24	56.1	99	46.6	34.1
8 BERTIE	10	49.0	35	34.3	26.5
9 BLADEN	16	54.4	59	40.8	34.8
10 BRUNSWICK	29	51.0	99	37.3	27.5
11 BUNCOMBE	95	52.1	409	46.1	28.6
12 BURKE	40	50.9	161	42.0	33.0
13 CABARRUS	41	39.1	170	33.6	26.7
14 CALDWELL	36	49.8	132	37.0	30.0
15 CAMDEN	0	0.0	14	47.2	35.4
16 CARTERET	19	33.9	106	39.4	28.1
17 CASHELL	10	47.1	35	33.5	27.0
18 CATAWBA	45	36.7	201	33.5	28.5
19 CHATHAM	18	43.9	63	31.8	23.2
20 CHEROKEE	17	80.1	56	54.4	36.6
21 CHOWAN	14	101.3	46	67.0	41.0
22 CLAY	4	53.1	15	41.3	16.8
23 CLEVELAND	32	36.7	146	34.1	26.3
24 COLUMBUS	16	31.9	75	30.0	24.8
25 CRAVEN	45	53.6	141	34.1	33.6
26 CUMBERLAND	68	23.2	303	21.6	37.1
27 CURRITUCK	11	74.6	33	46.8	36.7
28 DARE	10	41.7	36	31.2	22.4
29 DAVIDSON	52	39.8	221	34.2	27.2
30 DAVIE	15	52.1	48	33.9	23.2
31 DUPLIN	12	29.0	82	40.3	32.1
32 DURHAM	54	28.5	258	27.9	28.9
33 EDGECOMBE	20	35.2	81	28.4	30.3
34 FORSYTH	129	47.5	526	39.3	33.0
35 FRANKLIN	17	43.1	56	29.7	27.4
36 GASTON	80	45.2	323	36.7	31.1
37 GATES	4	42.0	23	48.8	36.6
38 GRAHAM	7	95.0	17	47.0	23.4
39 GRANVILLE	9	22.4	57	29.1	25.1
40 GREENE	2	12.6	20	25.6	23.2
41 GUILFORD	173	48.0	656	37.3	32.2

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
CHRONIC OBSTRUCTIVE PULMONARY DISEASES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	40	70.2	132	47.0	37.3
43 HARNETT	30	41.3	109	31.4	28.7
44 HAYWOOD	31	63.4	139	58.1	25.2
45 HENDERSON	55	75.0	227	64.0	30.8
46 HERTFORD	10	44.7	46	40.9	31.2
47 HOKE	7	28.6	27	23.2	31.0
48 HYDE	2	37.1	12	44.1	26.5
49 IREDELL	45	45.7	169	35.5	26.4
50 JACKSON	18	64.7	48	35.2	22.9
51 JOHNSTON	29	32.8	112	26.6	21.8
52 JONES	5	53.0	14	29.8	27.4
53 LEE	16	36.5	67	31.7	24.8
54 LENOIR	30	51.1	124	42.9	35.8
55 LINCOLN	18	33.9	63	24.6	21.4
56 MCDOWELL	16	44.2	80	44.6	34.4
57 MACON	10	40.0	57	47.3	26.9
58 MADISON	9	52.2	39	45.7	21.0
59 MARTIN	5	19.6	42	33.1	29.3
60 MECKLENBURG	181	33.0	683	26.0	28.3
61 MITCHELL	13	89.6	43	59.7	38.6
62 MONTGOMERY	16	68.5	48	41.0	32.0
63 MOORE	30	48.0	125	41.5	21.2
64 NASH	43	53.4	157	40.3	34.7
65 NEW HANOVER	48	36.8	202	32.5	27.7
66 NORTHAMPTON	14	68.3	44	42.4	24.9
67 ONSLOW	32	21.2	122	16.3	35.8
68 ORANGE	22	21.7	98	20.2	24.0
69 PAHLICO	10	86.4	26	45.5	29.8
70 PASQUOTANK	19	58.1	66	41.7	36.9
71 PENDER	19	58.3	74	49.1	39.2
72 PERQUIMANS	4	37.9	23	44.0	29.2
73 PERSON	14	45.5	59	38.8	29.0
74 PITT	33	28.7	147	26.6	30.8
75 POLK	6	39.7	33	44.8	15.7
76 RANDOLPH	61	54.1	191	35.2	26.3
77 RICHMOND	24	53.6	90	40.2	32.0
78 ROBESON	36	33.2	145	27.3	33.3
79 ROCKINGHAM	38	43.7	193	44.8	32.9
80 ROWAN	55	47.9	218	38.9	26.6
81 RUTHERFORD	33	57.0	128	44.7	28.2
82 SAHPSON	21	42.6	100	41.6	30.9
83 SCOTLAND	18	52.8	51	30.0	31.6
84 STANLY	21	39.8	72	27.5	21.7
85 STOKES	17	43.6	62	32.8	25.3
86 SURRY	39	61.6	147	47.2	31.5
87 SWAIN	7	62.0	22	39.2	24.9
88 TRANSYLVANIA	18	67.1	59	45.3	23.6
89 TYRRELL	4	106.3	13	67.8	41.5
90 UNION	14	15.4	81	18.7	18.7
91 VANCE	26	65.3	75	38.4	35.4
92 WAKE	97	20.2	439	19.7	25.6
93 WARREN	8	45.5	39	44.9	26.6
94 WASHINGTON	4	29.0	24	34.4	27.2
95 WATAUGA	9	23.3	49	26.2	19.5
96 WAYNE	30	27.7	168	31.7	34.5
97 WILKES	24	39.3	134	44.5	33.1
98 WILSON	28	41.7	107	32.2	28.5
99 YADKIN	12	37.4	68	43.7	28.3
100 YANCEY	8	51.0	40	51.4	46.7

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Chronic Obstructive Pulmonary Diseases

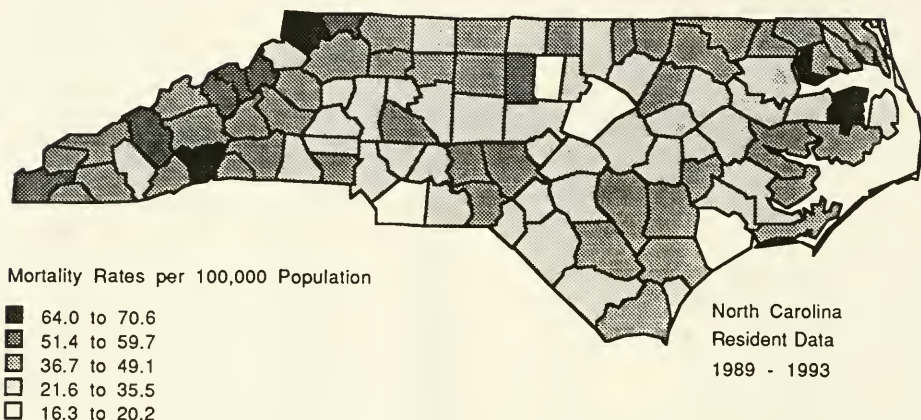


Figure 15.A

Chronic Obstructive Pulmonary Diseases

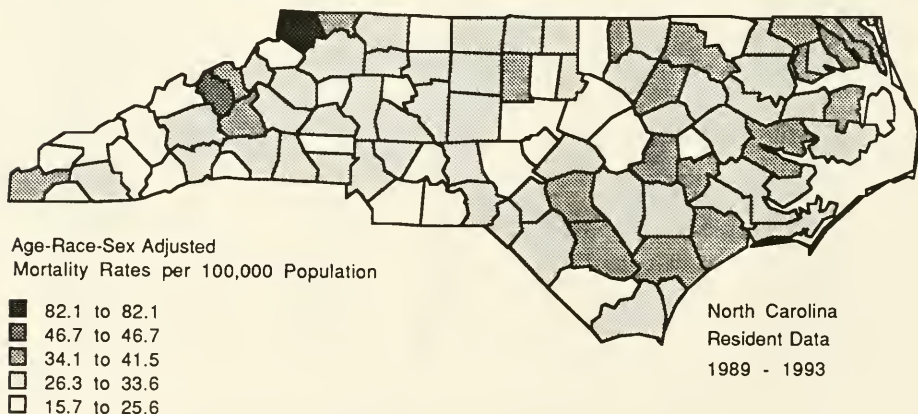


Figure 15.B

TABLE - 16
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
CHRONIC LIVER DISEASE AND CIRRHOSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	642	9.2	3511	10.4	9.5
REGIONS					
D.E.H.N.R. I	99	13.1	471	12.8	11.6
D.E.H.N.R. II	141	9.5	722	10.1	9.7
D.E.H.N.R. III	106	7.6	679	10.0	8.9
D.E.H.N.R. IV	114	8.2	621	9.3	8.8
D.E.H.N.R. V	74	9.7	384	10.3	9.9
D.E.H.N.R. VI	56	8.6	355	11.2	9.7
D.E.H.N.R. VII	52	10.0	279	11.1	10.9
COUNTIES					
1 ALAMANCE	11	9.8	54	9.9	8.0
2 ALEXANDER	2	6.9	11	7.8	10.5
3 ALLEGHANY	0	0.0	4	8.3	5.1
4 ANSON	6	25.1	19	16.1	12.0
5 ASHE	3	13.3	10	8.9	4.7
6 AVERY	4	26.6	15	20.1	12.6
7 BEAUFORT	4	9.4	31	14.6	11.0
8 BERTIE	1	4.9	8	7.8	10.4
9 BLADEN	7	23.8	20	13.8	11.3
10 BRUNSWICK	2	3.5	33	12.4	9.8
11 BUNCOMBE	34	18.7	118	13.3	13.4
12 BURKE	8	10.2	41	10.7	9.4
13 CABARRUS	8	7.6	41	8.1	6.6
14 CALDWELL	7	9.7	29	8.1	7.0
15 CAMDEN	0	0.0	1	3.4	2.6
16 CARTERET	7	12.5	38	14.1	11.8
17 CASWELL	4	18.9	14	13.4	8.9
18 CATAWBA	15	12.2	61	10.2	10.7
19 CHATHAM	3	7.3	20	10.1	8.1
20 CHEROKEE	0	0.0	11	10.7	9.6
21 CHOWAN	2	14.5	12	17.5	14.1
22 CLAY	1	13.3	2	5.5	2.9
23 CLEVELAND	15	17.2	60	14.0	12.2
24 COLUMBUS	8	15.9	31	12.4	10.5
25 CRAVEN	9	10.7	41	9.9	9.6
26 CUMBERLAND	20	6.8	113	8.1	9.4
27 CURRITUCK	3	20.3	6	8.5	5.9
28 DARE	4	16.7	12	10.4	9.8
29 DAVIDSON	6	4.6	52	8.1	7.2
30 DAVIE	1	3.5	9	6.4	5.6
31 DUPLIN	1	2.4	20	9.8	8.8
32 DURHAM	9	4.8	72	7.8	7.9
33 EDGECOMBE	13	22.9	47	16.5	15.3
34 FORSYTH	23	8.5	153	11.4	10.0
35 FRANKLIN	10	25.4	28	14.8	12.8
36 GASTON	21	11.9	113	12.8	12.4
37 GATES	0	0.0	1	2.1	1.8
38 GRAHAM	0	0.0	4	11.1	16.3
39 GRANVILLE	2	5.0	20	10.2	8.8
40 GREENE	1	6.3	2	2.6	2.9
41 GUILFORD	33	9.2	182	10.4	9.2

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
CHRONIC LIVER DISEASE AND CIRRHOSIS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	6	10.5	43	15.3	10.7
43 HARNETT	3	4.1	25	7.2	6.9
44 HAYWOOD	9	18.4	33	13.8	7.7
45 HENDERSON	9	12.3	50	14.1	8.9
46 HERTFORD	2	8.9	23	20.5	15.1
47 HOKE	2	8.2	17	14.6	12.1
48 HYDE	2	37.1	2	7.4	7.1
49 IREDELL	10	10.2	54	11.3	10.6
50 JACKSON	4	14.4	21	15.4	16.8
51 JOHNSTON	10	11.3	56	13.3	12.3
52 JONES	0	0.0	5	10.6	9.3
53 LEE	1	2.3	27	12.8	11.1
54 LENOIR	4	6.8	36	12.4	9.5
55 LINCOLN	4	7.5	21	8.2	7.6
56 MCDOWELL	6	16.6	24	13.4	13.2
57 MACON	0	0.0	17	14.1	7.5
58 MADISON	3	17.4	11	12.9	39.0
59 MARTIN	2	7.8	19	15.0	12.4
60 MECKLENBURG	43	7.8	248	9.5	9.0
61 MITCHELL	1	6.9	12	16.7	10.1
62 MONTGOMERY	2	8.6	7	6.0	4.2
63 MOORE	10	16.0	44	14.6	11.1
64 NASH	11	13.7	61	15.7	13.9
65 NEW HANDOVER	22	16.8	84	13.5	12.1
66 NORTHAMPTON	2	9.8	15	14.5	14.0
67 ONSLOW	6	4.0	54	7.2	12.4
68 ORANGE	3	3.0	14	2.9	3.2
69 PAMLICO	1	8.6	5	8.7	6.3
70 PASQUOTANK	0	0.0	14	8.8	7.3
71 PENDER	6	18.4	19	12.6	9.7
72 PERQUIMANS	2	18.9	7	13.4	10.8
73 PERSON	2	6.5	11	7.2	6.1
74 PITT	13	11.3	63	11.4	11.9
75 POLK	3	19.8	13	17.6	12.1
76 RANDOLPH	9	8.0	41	7.6	8.0
77 RICHMOND	10	22.3	31	13.8	11.9
78 ROBESON	4	3.7	61	11.5	10.5
79 ROCKINGHAM	8	9.2	62	14.4	12.0
80 ROWAN	9	7.8	54	9.6	8.2
81 RUTHERFORD	4	6.9	32	11.2	11.2
82 SAMPSON	5	10.1	31	12.9	11.1
83 SCOTLAND	5	14.7	16	9.4	9.9
84 STANLY	7	13.3	26	9.9	9.2
85 STOKES	2	5.1	19	10.0	9.1
86 SURRY	1	1.6	33	10.6	11.1
87 SWAIN	2	17.7	10	17.8	14.5
88 TRANSYLVANIA	2	7.5	22	16.9	11.9
89 TYRRELL	0	0.0	3	15.6	10.4
90 UNION	7	7.7	33	7.6	8.1
91 VANCE	6	15.1	29	14.8	12.5
92 WAKE	24	5.0	124	5.6	6.7
93 WARREN	1	5.7	8	9.2	6.3
94 WASHINGTON	0	0.0	3	4.3	2.5
95 WATAUGA	2	5.2	11	5.9	4.8
96 WAYNE	6	5.5	61	11.5	10.4
97 WILKES	2	3.3	25	8.3	7.2
98 WILSON	11	16.4	46	13.8	11.8
99 YADKIN	1	3.1	10	6.4	4.4
100 YANCEY	2	12.7	6	7.7	4.3

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Chronic Liver Disease and Cirrhosis

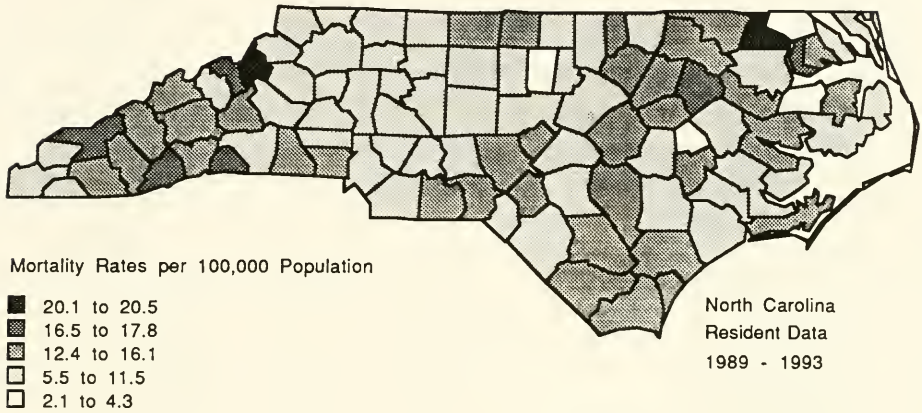


Figure 16.A

Chronic Liver Disease and Cirrhosis

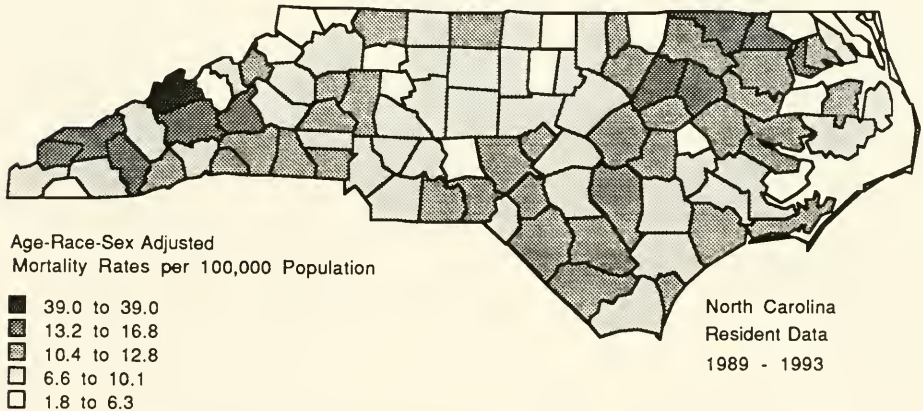


Figure 16.B

TABLE - 17

MORTALITY STATISTICS FOR 1993

NORTH CAROLINA RESIDENTS

NEPHRITIS AND NEPHROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	585	8.4	2856	8.5	7.1
REGIONS					
D.E.H.N.R. I	68	9.0	338	9.2	6.5
D.E.H.N.R. II	118	8.0	568	7.9	7.4
D.E.H.N.R. III	131	9.4	602	8.8	7.4
D.E.H.N.R. IV	111	8.0	524	7.9	6.7
D.E.H.N.R. V	59	7.7	312	8.4	7.2
D.E.H.N.R. VI	60	9.3	314	9.9	7.1
D.E.H.N.R. VII	38	7.3	198	7.9	7.6
COUNTIES					
1 ALAMANCE	7	6.2	60	11.0	8.4
2 ALEXANDER	6	20.7	14	10.0	9.5
3 ALLEGHANY	1	10.5	8	16.6	5.8
4 ANSON	3	12.6	11	9.3	5.0
5 ASHE	3	13.3	10	8.9	3.9
6 AVERY	4	26.6	9	12.0	6.1
7 BEAUFORT	3	7.0	22	10.4	7.3
8 BERTIE	3	14.7	16	15.7	7.5
9 BLADEN	3	10.2	22	15.2	9.7
10 BRUNSWICK	0	0.0	21	7.9	7.1
11 BUNCOMBE	9	4.9	72	8.1	5.7
12 BURKE	5	6.4	37	9.6	8.5
13 CABARRUS	9	8.6	46	9.1	8.1
14 CALDWELL	3	4.1	23	6.4	6.3
15 CAMDEN	1	16.7	2	6.7	4.7
16 CARTERET	2	3.6	17	6.3	7.6
17 CASHWELL	1	4.7	13	12.4	6.9
18 CATAWBA	16	13.0	67	11.2	10.9
19 CHATHAM	3	7.3	19	9.6	6.4
20 CHEROKEE	5	23.5	13	12.6	12.1
21 CHOWAN	2	14.5	10	14.6	6.7
22 CLAY	0	0.0	2	5.5	2.0
23 CLEVELAND	11	12.6	48	11.2	8.9
24 COLUMBUS	6	12.0	35	14.0	9.6
25 CRAVEN	7	8.3	30	7.3	5.9
26 CUMBERLAND	9	3.1	70	5.0	6.9
27 CURRITUCK	0	0.0	3	4.3	3.8
28 DARE	1	4.2	6	5.2	6.2
29 DAVIDSON	9	6.9	60	9.3	10.1
30 DAVIE	8	27.8	15	10.6	7.7
31 DUPLIN	5	12.1	24	11.8	8.0
32 DURHAM	26	13.7	98	10.6	8.6
33 EDGEcombe	3	5.3	34	11.9	7.4
34 FORSYTH	32	11.8	133	9.9	7.7
35 FRANKLIN	4	10.2	20	10.6	6.2
36 GASTON	17	9.6	70	7.9	7.5
37 GATES	0	0.0	6	12.7	5.6
38 GRAHAM	2	27.1	8	22.1	47.5
39 GRANVILLE	7	17.4	15	7.7	4.6
40 GREENE	3	18.9	9	11.5	9.3
41 GUILFORD	30	8.3	136	7.7	6.3

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
NEPHRITIS AND NEPHROSIS CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	6	10.5	29	10.3	7.0
43 HARNETT	11	15.2	37	10.7	9.1
44 HAYWOOD	4	8.2	19	7.9	6.2
45 HENDERSON	15	20.4	38	10.7	7.2
46 HERTFORD	1	4.5	16	14.2	5.0
47 HOKE	1	4.1	10	8.6	6.9
48 HYDE	1	18.5	6	22.1	13.3
49 IREDELL	7	7.1	40	8.4	6.9
50 JACKSON	3	10.8	17	12.5	9.9
51 JOHNSTON	15	16.9	40	9.5	8.0
52 JONES	2	21.2	5	10.6	6.4
53 LEE	4	9.1	22	10.4	8.6
54 LENOIR	7	11.9	47	16.3	10.7
55 LINCOLN	5	9.4	25	9.8	8.2
56 MCDOWELL	4	11.0	21	11.7	6.7
57 MACON	1	4.0	8	6.6	2.2
58 MADISON	2	11.6	10	11.7	5.5
59 MARTIN	4	15.7	13	10.3	6.0
60 MECKLENBURG	33	6.0	154	5.9	6.0
61 MITCHELL	1	6.9	5	6.9	3.2
62 MONTGOMERY	3	12.9	13	11.1	8.8
63 MOORE	1	1.6	23	7.6	5.0
64 NASH	9	11.2	39	10.0	8.0
65 NEW HANOVER	15	11.5	53	8.5	7.2
66 NORTHAMPTON	2	9.8	12	11.6	4.7
67 ONSLOW	5	3.3	26	3.5	7.3
68 ORANGE	3	3.0	22	4.5	5.6
69 PAHLICO	1	8.6	2	3.5	2.1
70 PASQUOTANK	4	12.2	12	7.6	5.1
71 PENDER	5	15.4	22	14.6	10.8
72 PERQUIMANS	1	9.5	9	17.2	7.5
73 PERSON	3	9.8	21	13.8	8.1
74 PITT	11	9.6	50	9.0	8.4
75 POLK	1	6.6	7	9.5	4.7
76 RANDOLPH	5	4.4	29	5.4	6.1
77 RICHMOND	7	15.6	27	12.1	8.9
78 ROBESON	12	11.1	57	10.7	8.2
79 ROCKINGHAM	12	13.8	48	11.1	8.1
80 ROWAN	9	7.8	51	9.1	6.8
81 RUTHERFORD	5	8.6	24	8.4	6.5
82 SAMPSON	7	14.2	30	12.5	7.8
83 SCOTLAND	2	5.9	12	7.1	6.0
84 STANLY	0	0.0	24	9.2	6.6
85 STOKES	3	7.7	11	5.8	5.4
86 SURRY	7	11.1	27	8.7	7.5
87 SWAIN	3	26.6	7	12.5	8.4
88 TRANSYLVANIA	1	3.7	12	9.2	4.0
89 TYRRELL	0	0.0	6	31.3	16.1
90 UNION	5	5.5	29	6.7	7.6
91 VANCE	1	2.5	23	11.8	8.7
92 WAKE	22	4.6	106	4.8	5.9
93 WARREN	2	11.4	12	13.8	8.0
94 WASHINGTON	1	7.3	5	7.2	4.1
95 WATAUGA	1	2.6	8	4.3	2.9
96 WAYNE	7	6.5	39	7.4	6.8
97 WILKES	10	16.4	30	10.0	8.8
98 WILSON	1	1.5	12	3.6	2.6
99 YADKIN	2	6.2	14	9.0	5.6
100 YANCEY	0	0.0	6	7.7	3.4

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Nephritis and Nephrosis

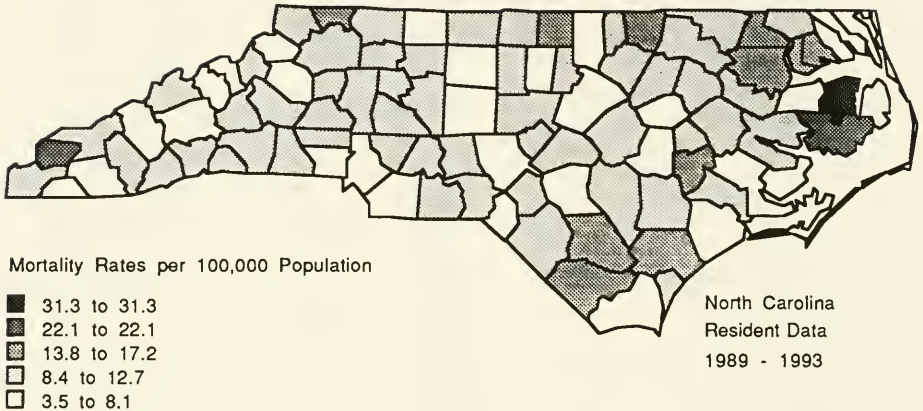


Figure 17.A

Nephritis and Nephrosis

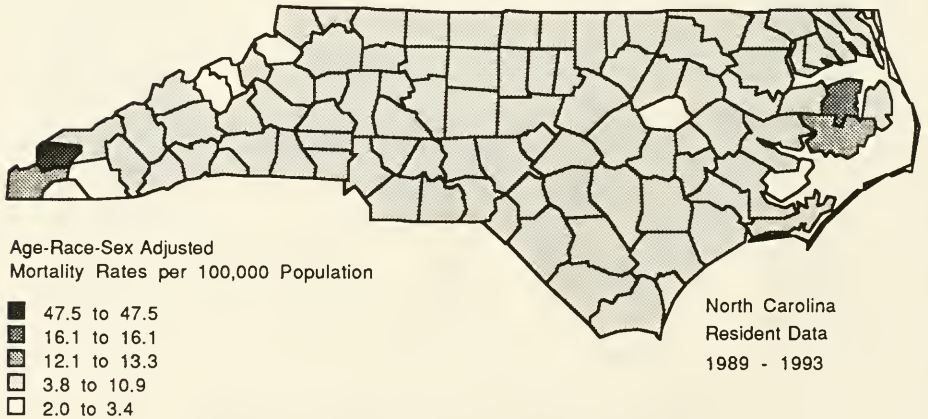


Figure 17.B

TABLE - 18

MORTALITY STATISTICS FOR 1993

NORTH CAROLINA RESIDENTS

UNINTENTIONAL MOTOR VEHICLE INJURIES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	1415	20.4	7160	21.2	21.3
REGIONS					
D.E.H.N.R. I	150	19.9	730	19.8	21.5
D.E.H.N.R. II	258	17.5	1389	19.4	19.9
D.E.H.N.R. III	261	18.8	1342	19.7	19.8
D.E.H.N.R. IV	269	19.3	1343	20.1	19.8
D.E.H.N.R. V	206	26.9	1038	28.0	26.7
D.E.H.N.R. VI	151	23.3	731	23.0	22.6
D.E.H.N.R. VII	120	23.1	587	23.4	22.1
COUNTIES					
1 ALAMANCE	15	13.3	97	17.7	18.1
2 ALEXANDER	8	27.5	39	27.7	29.4
3 ALLEGHANY	2	21.0	16	33.1	29.2
4 ANSON	7	29.3	28	23.8	22.6
5 ASHE	3	13.3	20	17.9	13.7
6 AVERY	1	6.7	15	20.1	27.4
7 BEAUFORT	10	23.4	53	24.9	26.8
8 BERTIE	2	9.8	36	35.3	44.4
9 BLADEN	12	40.8	57	39.4	40.9
10 BRUNSWICK	15	26.4	90	33.9	34.6
11 BUNCOMBE	30	16.5	149	16.8	16.7
12 BURKE	13	16.6	76	19.8	21.0
13 CABARRUS	12	11.5	81	16.0	16.8
14 CALDWELL	9	12.4	74	20.7	23.9
15 CAMDEN	2	33.3	8	27.0	23.4
16 CARTERET	12	21.4	59	21.9	24.0
17 CASHWELL	7	33.0	32	30.6	24.4
18 CATAWBA	23	18.8	153	25.5	25.0
19 CHATHAM	15	36.5	68	34.3	35.8
20 CHEROKEE	4	18.8	16	15.5	21.0
21 CHOWAN	6	43.4	15	21.9	22.0
22 CLAY	0	0.0	6	16.5	13.0
23 CLEVELAND	17	19.5	98	22.9	23.4
24 COLUMBUS	19	37.9	95	38.0	39.9
25 CRAVEN	14	16.7	62	15.0	15.0
26 CUMBERLAND	49	16.8	284	20.2	19.0
27 CURRITUCK	9	61.0	34	48.2	54.3
28 DARE	5	20.8	18	15.6	28.7
29 DAVIDSON	27	20.7	145	22.5	23.3
30 DAVIE	9	31.3	38	26.8	32.6
31 DUPLIN	12	29.0	57	28.0	26.5
32 DURHAM	16	8.5	114	12.3	11.7
33 EDGEcombe	24	42.3	80	28.1	30.8
34 FORSYTH	37	13.6	195	14.6	15.2
35 FRANKLIN	17	43.1	69	36.6	35.4
36 GASTON	36	20.4	175	19.9	20.6
37 GATES	5	52.5	26	55.2	52.1
38 GRAHAM	1	13.6	2	5.5	13.3
39 GRANVILLE	9	22.4	50	25.5	25.0
40 GREENE	1	6.3	20	25.6	27.3
41 GUILFORD	69	19.1	289	16.4	16.8

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
UNINTENTIONAL MOTOR VEHICLE INJURIES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	21	36.9	92	32.8	34.7
43 HARNETT	20	27.6	103	29.7	29.5
44 HAYWOOD	10	20.4	41	17.1	16.8
45 HENDERSON	12	16.4	73	20.6	22.7
46 HERTFORD	6	26.8	28	24.9	21.9
47 HOKE	6	24.5	33	28.3	19.7
48 HYDE	1	18.5	11	40.5	45.7
49 IREDELL	19	19.3	109	22.9	23.3
50 JACKSON	7	25.2	33	24.2	21.9
51 JOHNSTON	27	30.5	126	30.0	30.2
52 JONES	0	0.0	10	21.3	17.3
53 LEE	6	13.7	64	30.3	33.3
54 LENOIR	16	27.3	73	25.2	24.6
55 LINCOLN	17	32.0	70	27.4	27.7
56 MCDOWELL	7	19.3	41	22.9	21.0
57 MACON	8	32.0	20	16.6	12.0
58 MADISON	10	58.0	27	31.6	23.4
59 MARTIN	11	43.2	47	37.1	40.5
60 MECKLENBURG	64	11.7	352	13.4	13.5
61 MITCHELL	5	34.5	16	22.2	21.0
62 MONTGOMERY	8	34.3	28	23.9	23.2
63 MOORE	10	16.0	84	27.9	29.1
64 NASH	22	27.3	98	25.2	26.3
65 NEW HANOVER	17	13.0	88	14.2	14.3
66 NORTHAMPTON	4	19.5	26	25.1	24.9
67 ONSLOW	36	23.9	145	19.4	17.0
68 ORANGE	16	15.7	81	16.7	16.8
69 PAMLICO	2	17.3	13	22.7	21.1
70 PASQUOTANK	9	27.5	30	19.0	21.6
71 PENDER	9	27.6	53	35.2	36.2
72 PERQUIMANS	3	28.4	12	23.0	20.6
73 PERSON	10	32.5	43	28.3	26.7
74 PITT	23	20.0	101	18.3	17.5
75 POLK	4	26.4	23	31.2	40.3
76 RANDOLPH	28	24.8	139	25.7	25.0
77 RICHMOND	13	29.0	84	37.5	35.8
78 ROBESON	46	42.4	202	38.0	35.1
79 ROCKINGHAM	22	25.3	99	23.0	24.4
80 ROWAN	26	22.7	138	24.6	26.0
81 RUTHERFORD	18	31.1	71	24.8	27.2
82 SAMPSON	22	44.6	87	36.2	36.3
83 SCOTLAND	13	38.2	48	28.2	29.7
84 STANLY	10	19.0	70	26.8	26.9
85 STOKES	7	17.9	39	20.6	24.0
86 SURRY	12	19.0	76	24.4	25.4
87 SWAIN	6	53.1	16	28.5	25.5
88 TRANSYLVANIA	2	7.5	15	11.5	8.7
89 TYRRELL	1	26.6	3	15.6	17.1
90 UNION	26	28.6	104	24.0	26.7
91 VANCE	6	15.1	50	25.6	25.6
92 WAKE	52	10.8	260	11.7	11.8
93 WARREN	4	22.7	25	28.8	18.2
94 WASHINGTON	5	36.3	19	27.3	33.6
95 WATAUGA	2	5.2	30	16.0	11.9
96 WAYNE	20	18.5	112	21.1	20.8
97 WILKES	15	24.6	87	28.9	29.5
98 WILSON	20	29.8	97	29.2	30.2
99 YADKIN	6	18.7	40	25.7	25.7
100 YANCEY	3	19.1	16	20.5	16.6

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Motor Vehicle Injuries

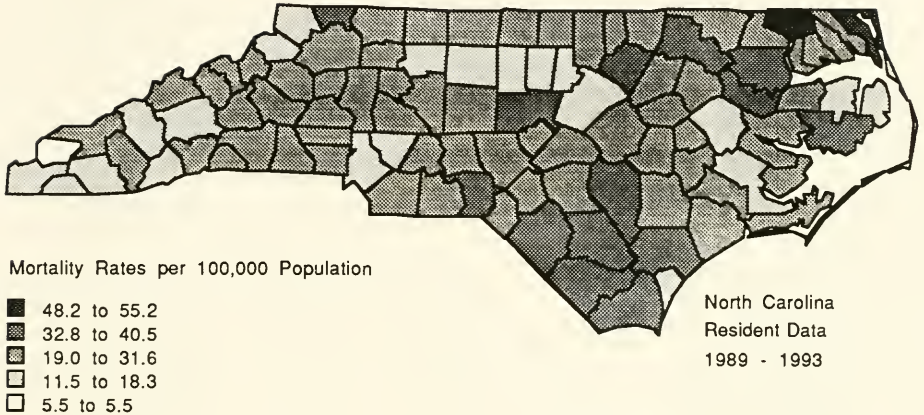


Figure 18.A

Motor Vehicle Injuries

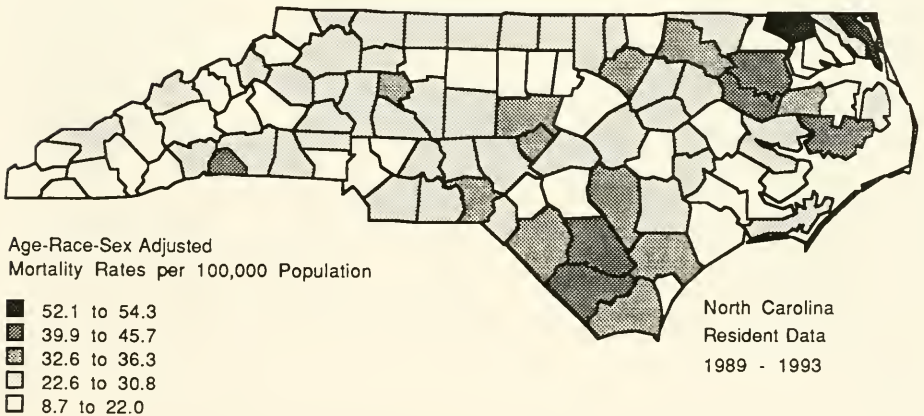


Figure 18.B

TABLE - 19
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
ALL OTHER UNINTENTIONAL INJURIES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	1429	20.6	7238	21.4	19.3
REGIONS					
D.E.H.N.R. I	175	23.2	931	25.2	21.4
D.E.H.N.R. II	249	16.8	1345	18.8	17.7
D.E.H.N.R. III	323	23.2	1466	21.5	19.0
D.E.H.N.R. IV	265	19.0	1366	20.5	18.4
D.E.H.N.R. V	163	21.3	868	23.4	21.4
D.E.H.N.R. VI	150	23.1	739	23.2	20.0
D.E.H.N.R. VII	104	20.1	523	20.9	19.9
COUNTIES					
1 ALAMANCE	29	25.8	115	21.0	17.8
2 ALEXANDER	9	31.0	30	21.3	19.1
3 ALLEGHANY	3	31.5	13	26.9	19.8
4 ANSON	4	16.8	26	22.1	18.8
5 ASHE	11	48.9	26	23.2	14.1
6 AVERY	4	26.6	19	25.4	13.6
7 BEAUFORT	13	30.4	59	27.8	23.4
8 BERTIE	2	9.8	26	25.5	14.4
9 BLADEN	10	34.0	38	26.3	21.3
10 BRUNSWICK	15	26.4	60	22.6	20.9
11 BUNCOMBE	42	23.0	234	26.4	22.2
12 BURKE	15	19.1	89	23.2	21.6
13 CABARRUS	14	13.4	77	15.2	14.5
14 CALDWELL	10	13.8	58	16.3	15.1
15 CAMDEN	0	0.0	8	27.0	19.6
16 CARTERET	17	30.3	81	30.1	23.9
17 CASHWELL	3	14.1	19	18.2	9.9
18 CATAWBA	20	16.3	116	19.3	20.4
19 CHATHAM	12	29.2	47	23.7	19.2
20 CHEROKEE	6	28.3	26	25.3	25.9
21 CHOWAN	1	7.2	16	23.3	17.4
22 CLAY	4	53.1	7	19.3	9.2
23 CLEVELAND	18	20.6	78	18.2	15.6
24 COLUMBUS	11	21.9	75	30.0	26.5
25 CRAVEN	15	17.9	83	20.1	18.5
26 CUMBERLAND	43	14.7	258	18.4	19.9
27 CURRITUCK	2	13.6	7	9.9	10.3
28 DARE	6	25.0	30	26.0	27.3
29 DAVIDSON	30	23.0	150	23.2	22.8
30 DAVIE	1	3.5	25	17.7	19.1
31 DUPLIN	8	19.3	45	22.1	19.1
32 DURHAM	35	18.5	179	19.3	17.5
33 EDGECOMBE	17	29.9	79	27.7	24.8
34 FORSYTH	67	24.7	285	21.3	17.7
35 FRANKLIN	3	7.6	55	29.2	22.7
36 GASTON	34	19.2	182	20.7	20.4
37 GATES	3	31.5	16	34.0	22.5
38 GRAHAM	2	27.1	13	35.9	25.9
39 GRANVILLE	5	12.4	37	18.9	16.2
40 GREENE	7	44.0	25	32.0	26.5
41 GUILFORD	81	22.5	356	20.3	17.3

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
ALL OTHER UNINTENTIONAL INJURIES CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	9	15.8	92	32.8	27.1
43 HARNETT	21	28.9	86	24.8	22.7
44 HAYWOOD	19	38.8	64	26.8	14.5
45 HENDERSON	11	15.0	98	27.6	18.7
46 HERTFORD	10	44.7	36	32.0	22.9
47 HOKE	7	28.6	22	18.9	13.1
48 HYDE	3	55.6	14	51.5	40.3
49 IREDELL	19	19.3	112	23.5	21.4
50 JACKSON	2	7.2	29	21.3	20.6
51 JOHNSTON	32	36.2	106	25.2	23.5
52 JONES	4	42.4	11	23.4	19.2
53 LEE	12	27.3	57	27.0	24.5
54 LENOIR	13	22.2	54	18.7	16.1
55 LINCOLN	9	17.0	52	20.3	17.8
56 MCDOWELL	6	16.6	40	22.3	16.7
57 MACON	5	20.0	25	20.8	17.4
58 MADISON	5	29.0	22	25.8	55.0
59 MARTIN	5	19.6	30	23.7	19.2
60 MECKLENBURG	83	15.1	441	16.8	15.9
61 MITCHELL	4	27.6	27	37.5	20.4
62 MONTGOMERY	4	17.1	33	28.2	23.4
63 MOORE	18	28.8	71	23.6	19.5
64 NASH	17	21.1	102	26.2	23.5
65 NEW HANOVER	24	18.4	124	20.0	18.7
66 NORTHAMPTON	2	9.8	32	30.8	20.5
67 ONSLOW	23	15.3	105	14.1	18.9
68 ORANGE	16	15.7	69	14.2	15.0
69 PAMLICO	0	0.0	14	24.5	21.0
70 PASQUOTANK	12	36.7	36	22.7	19.6
71 PENDER	6	18.4	33	21.9	18.7
72 PERQUIMANS	5	47.3	20	38.3	31.6
73 PERSON	8	26.0	41	27.0	23.1
74 PITT	22	19.1	132	23.9	22.1
75 POLK	4	26.4	21	28.5	17.2
76 RANDOLPH	19	16.9	100	18.5	18.2
77 RICHMOND	6	13.4	63	28.1	26.0
78 ROBESON	30	27.6	144	27.1	22.7
79 ROCKINGHAM	24	27.6	106	24.6	21.5
80 ROWAN	24	20.9	128	22.9	18.0
81 RUTHERFORD	20	34.5	72	25.1	23.5
82 SAMPSON	14	28.4	80	33.3	27.3
83 SCOTLAND	6	17.6	47	27.7	22.8
84 STANLY	9	17.1	69	26.4	23.3
85 STOKES	16	41.0	61	32.2	39.0
86 SURRY	13	20.5	79	25.4	21.9
87 SWAIN	8	70.8	32	57.0	47.0
88 TRANSYLVANIA	4	14.9	31	23.8	23.3
89 TYRRELL	0	0.0	5	26.1	26.4
90 UNION	10	11.0	60	13.9	14.7
91 VANCE	11	27.6	51	26.1	21.6
92 WAKE	64	13.4	310	13.9	14.7
93 WARREN	3	17.0	32	36.8	21.2
94 WASHINGTON	2	14.5	14	20.1	17.8
95 WATAUGA	4	10.3	32	17.1	22.3
96 WAYNE	25	23.1	103	19.4	18.4
97 WILKES	13	21.3	63	20.9	19.5
98 WILSON	19	28.3	77	23.2	19.6
99 YADKIN	9	28.0	36	23.1	16.2
100 YANCEY	4	25.5	24	30.8	64.7

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

All Other Injuries and Adverse Effects

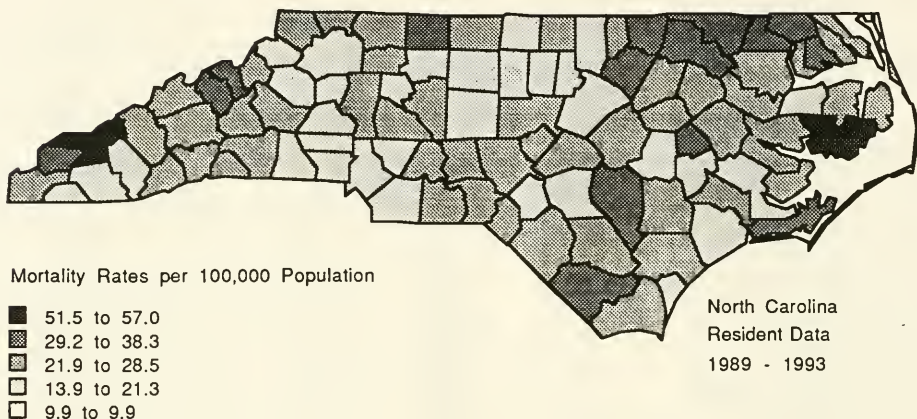


Figure 19.A

All Other Injuries and Adverse Effects

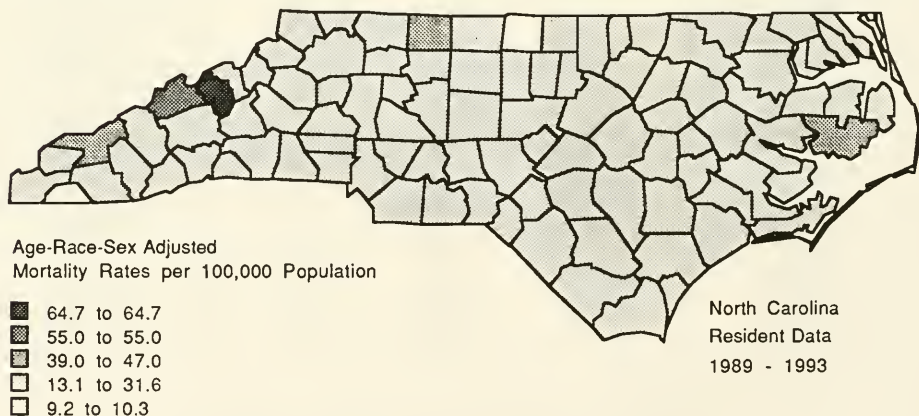


Figure 19.B

TABLE - 20
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
SUICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	835	12.0	4326	12.8	12.2
REGIONS					
D.E.H.N.R. I	95	12.6	554	15.0	12.7
D.E.H.N.R. II	184	12.4	899	12.5	11.9
D.E.H.N.R. III	167	12.0	925	13.6	12.5
D.E.H.N.R. IV	151	10.8	805	12.1	12.2
D.E.H.N.R. V	92	12.0	419	11.3	12.1
D.E.H.N.R. VI	77	11.9	387	12.2	12.5
D.E.H.N.R. VII	69	13.3	337	13.4	12.6
COUNTIES					
1 ALAMANCE	17	15.1	69	12.6	12.1
2 ALEXANDER	6	20.7	26	18.5	18.5
3 ALLEGHANY	1	10.5	12	24.8	17.4
4 ANSON	4	16.8	18	15.3	16.7
5 ASHE	6	26.7	20	17.9	14.3
6 AVERY	2	13.3	13	17.4	12.4
7 BEAUFORT	7	16.4	29	13.6	14.8
8 BERTIE	1	4.9	15	14.7	21.9
9 BLADEN	2	6.8	18	12.4	12.0
10 BRUNSWICK	12	21.1	46	17.3	17.2
11 BUNCOMBE	25	13.7	137	15.4	13.2
12 BURKE	11	14.0	62	16.2	13.3
13 CABARRUS	13	12.4	66	13.0	11.6
14 CALDWELL	6	8.3	54	15.1	12.6
15 CAMDEN	1	16.7	5	16.9	13.3
16 CARTERET	4	7.1	40	14.8	12.2
17 CASHWELL	3	14.1	15	14.3	13.5
18 CATAWBA	14	11.4	89	14.8	14.1
19 CHATHAM	5	12.2	25	12.6	11.2
20 CHEROKEE	2	9.4	13	12.6	13.2
21 CHOWAN	1	7.2	6	8.7	5.8
22 CLAY	1	13.3	5	13.8	8.0
23 CLEVELAND	8	9.2	46	10.8	10.7
24 COLUMBUS	5	10.0	30	12.0	11.8
25 CRAVEN	13	15.5	60	14.5	14.6
26 CUMBERLAND	35	12.0	139	9.9	11.1
27 CURRITUCK	1	6.8	10	14.2	13.5
28 DARE	3	12.5	15	13.0	9.0
29 DAVIDSON	14	10.7	77	11.9	10.6
30 DAVIE	8	27.8	24	17.0	15.5
31 DUPLIN	4	9.7	28	13.8	15.1
32 DURHAM	20	10.6	109	11.8	12.0
33 EDGECOMBE	11	19.4	37	13.0	17.0
34 FORSYTH	30	11.0	189	14.1	13.9
35 FRANKLIN	7	17.8	26	13.8	14.3
36 GASTON	15	8.5	116	13.2	12.6
37 GATES	1	10.5	10	21.2	20.1
38 GRAHAM	0	0.0	3	8.3	12.8
39 GRANVILLE	4	9.9	27	13.8	13.8
40 GREENE	1	6.3	6	7.7	6.9
41 GUILFORD	30	8.3	212	12.1	11.9

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
SUICIDE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	5	8.8	29	10.3	13.0
43 HARNETT	7	9.6	39	11.2	11.0
44 HAYWOOD	5	10.2	35	14.6	10.3
45 HENDERSON	11	15.0	50	14.1	10.1
46 HERTFORD	0	0.0	7	6.2	5.6
47 HOKE	1	4.1	5	4.3	5.4
48 HYDE	0	0.0	2	7.4	9.0
49 IREDELL	15	15.2	70	14.7	12.8
50 JACKSON	1	3.6	21	15.4	15.8
51 JOHNSTON	13	14.7	68	16.2	14.8
52 JONES	0	0.0	1	2.1	4.3
53 LEE	5	11.4	22	10.4	10.7
54 LENOIR	8	13.6	38	13.1	14.0
55 LINCOLN	10	18.8	40	15.6	13.9
56 MCDOWELL	3	8.3	16	8.9	10.3
57 MACON	9	36.0	23	19.1	10.4
58 MADISON	2	11.6	17	19.9	14.9
59 MARTIN	3	11.8	16	12.6	13.3
60 MECKLENBURG	63	11.5	297	11.3	11.3
61 MITCHELL	1	6.9	8	11.1	7.9
62 MONTGOMERY	7	30.0	18	15.4	15.3
63 MOORE	15	24.0	48	15.9	14.0
64 NASH	9	11.2	56	14.4	14.1
65 NEW HANOVER	23	17.6	99	15.9	15.4
66 NORTHAMPTON	0	0.0	12	11.6	10.2
67 ONSLOW	14	9.3	72	9.6	11.4
68 ORANGE	11	10.8	62	12.8	12.7
69 PAWLICO	3	25.9	8	14.0	11.4
70 PASQUOTANK	5	15.3	18	11.4	12.8
71 PENDER	7	21.5	22	14.6	13.5
72 PERQUIMANS	0	0.0	8	15.3	15.1
73 PERSON	8	26.0	25	16.4	17.0
74 PITT	19	16.5	75	13.6	15.3
75 POLK	4	26.4	19	25.8	21.3
76 RANDOLPH	9	8.0	64	11.8	9.3
77 RICHMOND	7	15.6	29	13.0	13.3
78 ROBESON	9	8.3	57	10.7	14.2
79 ROCKINGHAM	11	12.7	57	13.2	12.5
80 ROWAN	17	14.8	64	11.4	10.8
81 RUTHERFORD	6	10.4	37	12.9	12.1
82 SAMPSON	2	4.1	28	11.6	10.9
83 SCOTLAND	3	8.8	20	11.8	11.2
84 STANLY	10	19.0	35	13.4	11.3
85 STOKES	8	20.5	39	20.6	17.4
86 SURRY	4	6.3	47	15.1	14.5
87 SWAIN	1	8.9	8	14.2	16.1
88 TRANSYLVANIA	4	14.9	21	16.1	16.6
89 TYRRELL	0	0.0	0	0.0	0.0
90 UNION	13	14.3	50	11.5	11.4
91 VANCE	2	5.0	22	11.3	13.2
92 WAKE	44	9.2	230	10.3	10.1
93 WARREN	2	11.4	11	12.7	15.9
94 WASHINGTON	0	0.0	7	10.0	9.1
95 WATAUGA	8	20.7	30	16.0	12.3
96 WAYNE	10	9.2	51	9.6	10.4
97 WILKES	10	16.4	46	15.3	11.8
98 WILSON	5	7.4	44	13.2	13.1
99 YADKIN	8	24.9	24	15.4	15.6
100 YANCEY	1	6.4	12	15.4	9.8

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Suicide

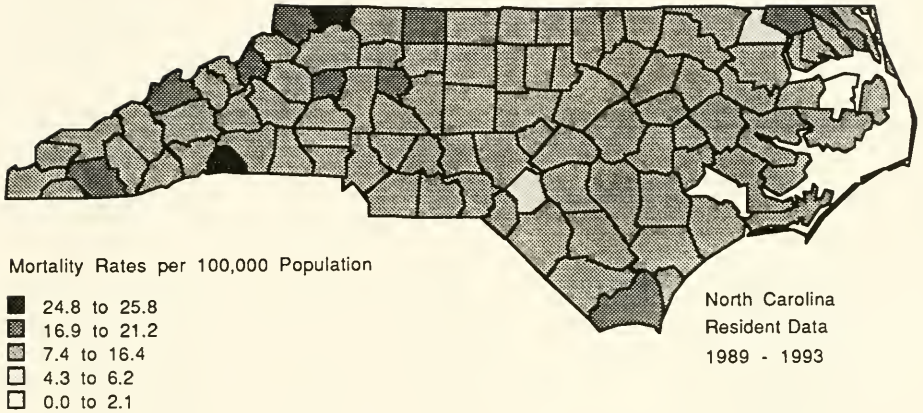


Figure 20.A

Suicide

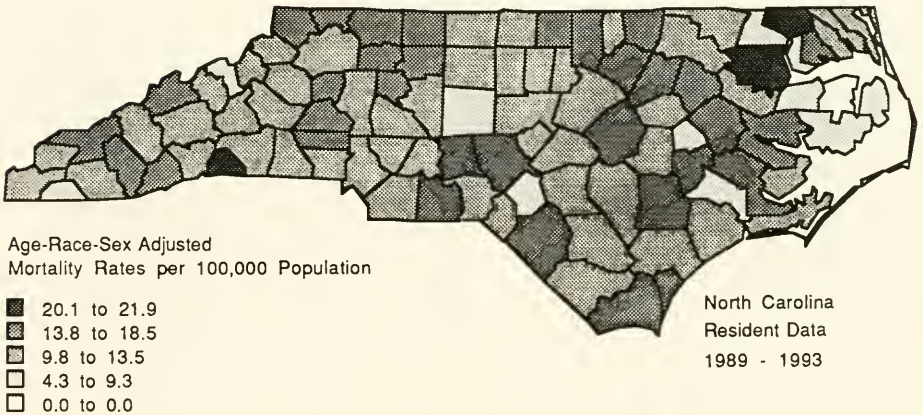


Figure 20.B

TABLE - 21
MORTALITY STATISTICS FOR 1993
NORTH CAROLINA RESIDENTS
HOMICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	885	12.7	4054	12.0	11.9
REGIONS					
D.E.H.N.R. I	51	6.8	286	7.8	10.6
D.E.H.N.R. II	258	17.5	1056	14.7	16.6
D.E.H.N.R. III	154	11.1	678	9.9	11.1
D.E.H.N.R. IV	151	10.8	771	11.6	10.0
D.E.H.N.R. V	156	20.4	637	17.2	14.0
D.E.H.N.R. VI	73	11.3	390	12.3	10.7
D.E.H.N.R. VII	42	8.1	236	9.4	9.0
COUNTIES					
1 ALAMANCE	15	13.3	56	10.2	11.0
2 ALEXANDER	2	6.9	12	8.5	8.6
3 ALLEGHANY	0	0.0	3	6.2	26.6
4 ANSON	8	33.5	33	28.0	20.9
5 ASHE	3	13.3	9	8.0	7.1
6 AVERY	0	0.0	4	5.4	28.2
7 BEAUFORT	6	14.0	21	9.9	10.3
8 BERTIE	4	19.6	11	10.8	9.7
9 BLADEN	7	23.8	24	16.6	14.9
10 BRUNSWICK	2	3.5	21	7.9	8.8
11 BUNCOMBE	13	7.1	66	7.4	10.9
12 BURKE	3	3.8	33	8.6	10.1
13 CABARRUS	9	8.6	40	7.9	10.5
14 CALDWELL	7	9.7	43	12.1	19.8
15 CAMDEN	1	16.7	1	3.4	3.2
16 CARTERET	3	5.4	15	5.6	7.1
17 CASHWELL	5	23.6	8	7.6	5.3
18 CATAWBA	10	8.2	66	11.0	17.9
19 CHATHAM	7	17.1	22	11.1	13.8
20 CHEROKEE	1	4.7	8	7.8	5.4
21 CHOWAN	1	7.2	6	8.7	6.0
22 CLAY	0	0.0	0	0.0	0.0
23 CLEVELAND	23	26.4	83	19.4	20.6
24 COLUMBUS	5	10.0	50	20.0	18.4
25 CRAVEN	4	4.8	28	6.8	6.0
26 CUMBERLAND	69	23.6	249	17.7	14.1
27 CURRITUCK	2	13.6	3	4.3	6.7
28 DARE	0	0.0	7	6.1	12.3
29 DAVIDSON	13	9.9	56	8.7	11.1
30 DAVIE	2	7.0	11	7.8	12.4
31 DUPLIN	7	16.9	39	19.2	18.7
32 DURHAM	29	15.3	134	14.5	10.9
33 EDGEcombe	11	19.4	59	20.7	15.2
34 FORSYTH	39	14.4	167	12.5	12.1
35 FRANKLIN	3	7.6	22	11.7	10.7
36 GASTON	33	18.7	114	12.9	15.5
37 GATES	1	10.5	2	4.2	1.9
38 GRAHAM	2	27.1	5	13.8	11.1
39 GRANVILLE	7	17.4	31	15.8	12.1
40 GREENE	1	6.3	7	9.0	6.7
41 GUILFORD	44	12.2	210	11.9	10.7

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
HOMICIDE CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	4	7.0	33	11.8	8.7
43 HARNETT	10	13.8	52	15.0	14.6
44 HAYWOOD	2	4.1	17	7.1	8.2
45 HENDERSON	2	2.7	25	7.0	10.9
46 HERTFORD	4	17.9	17	15.1	6.1
47 HOKE	1	4.1	24	20.6	16.6
48 HYDE	0	0.0	6	22.1	25.1
49 IREDELL	13	13.2	59	12.4	15.5
50 JACKSON	1	3.6	9	6.6	7.6
51 JOHNSTON	8	9.0	57	13.6	15.3
52 JONES	0	0.0	8	17.0	14.4
53 LEE	6	13.7	40	18.9	20.7
54 LENOIR	9	15.3	55	19.0	16.5
55 LINCOLN	7	13.2	19	7.4	9.9
56 MCDOWELL	2	5.5	11	6.1	6.7
57 MACON	1	4.0	6	5.0	3.9
58 MADISON	0	0.0	4	4.7	3.6
59 MARTIN	6	23.5	22	17.3	14.5
60 MECKLENBURG	132	24.1	539	20.6	18.3
61 MITCHELL	0	0.0	2	2.8	2.5
62 MONTGOMERY	5	21.4	16	13.7	11.6
63 MOORE	2	3.2	25	8.3	9.6
64 NASH	10	12.4	53	13.6	13.2
65 NEW HANOVER	12	9.2	47	7.6	8.8
66 NORTHAMPTON	2	9.8	9	8.7	6.5
67 ONSLOW	8	5.3	51	6.8	5.9
68 ORANGE	7	6.9	35	7.2	7.4
69 PAMLICO	1	8.6	3	5.2	7.2
70 PASQUOTANK	3	9.2	17	10.7	10.5
71 PENDER	5	15.4	13	8.6	8.1
72 PERQUIMANS	2	18.9	10	19.1	19.9
73 PERSON	0	0.0	12	7.9	7.2
74 PITT	13	11.3	78	14.1	12.5
75 POLK	1	6.6	4	5.4	5.2
76 RANDOLPH	9	8.0	45	8.3	12.3
77 RICHMOND	12	26.8	47	21.0	19.7
78 ROBESON	27	24.9	108	20.3	15.7
79 ROCKINGHAM	12	13.8	48	11.1	11.4
80 ROWAN	14	12.2	60	10.7	11.9
81 RUTHERFORD	10	17.3	30	10.5	12.0
82 SAMPSON	9	18.2	33	13.7	12.2
83 SCOTLAND	6	17.6	26	15.3	10.5
84 STANLY	7	13.3	20	7.6	9.4
85 STOKES	1	2.6	8	4.2	3.2
86 SURRY	3	4.7	19	6.1	6.2
87 SWAIN	1	8.9	5	8.9	8.2
88 TRANSYLVANIA	0	0.0	8	6.1	13.8
89 TYRRELL	0	0.0	0	0.0	0.0
90 UNION	8	8.8	44	10.2	11.6
91 VANCE	11	27.6	37	18.9	15.0
92 WAKE	32	6.7	148	6.7	6.1
93 WARREN	1	5.7	14	16.1	9.3
94 WASHINGTON	3	21.8	6	8.6	5.6
95 WATAUGA	0	0.0	7	3.7	7.7
96 WAYNE	12	11.1	82	15.5	13.6
97 WILKES	6	9.8	26	8.6	8.5
98 WILSON	13	19.4	65	19.5	16.0
99 YADKIN	2	6.2	5	3.2	2.9
100 YANCEY	5	31.9	6	7.7	5.8

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Homicide

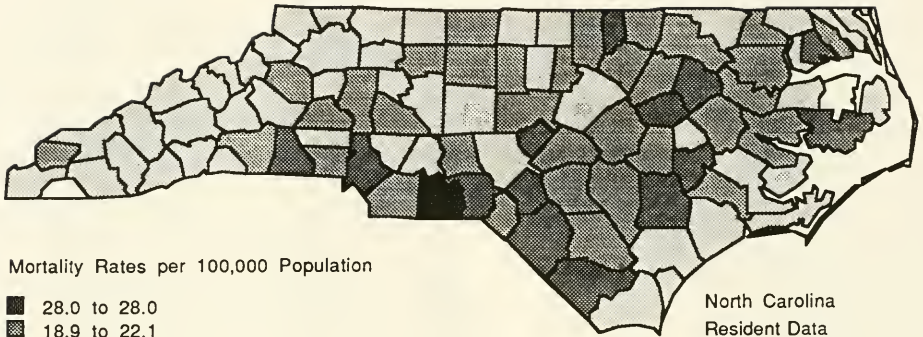


Figure 21.A

Homicide

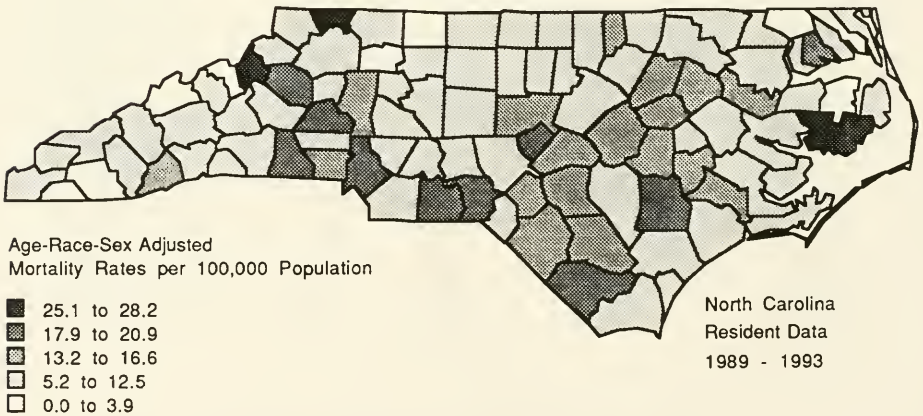


Figure 21.B

TABLE - 22

MORTALITY STATISTICS FOR 1993

NORTH CAROLINA RESIDENTS

INFANT DEATHS (PER 1000 LIVE BIRTHS)

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
NORTH CAROLINA	1079	10.6	5503	10.7	0.0
REGIONS					
D.E.H.N.R. I	86	9.3	453	9.6	0.0
D.E.H.N.R. II	215	9.8	1097	9.8	0.0
D.E.H.N.R. III	187	10.1	992	10.5	0.0
D.E.H.N.R. IV	233	11.2	1106	10.7	0.0
D.E.H.N.R. V	162	12.2	797	12.0	0.0
D.E.H.N.R. VI	107	11.5	622	12.7	0.0
D.E.H.N.R. VII	89	10.9	436	10.5	0.0
COUNTIES					
1 ALAMANCE	15	10.3	81	10.8	0.0
2 ALEXANDER	1	2.7	13	7.3	0.0
3 ALLEGHANY	0	0.0	2	4.0	0.0
4 ANSON	4	10.3	27	14.1	0.0
5 ASHE	1	4.7	14	12.0	0.0
6 AVERY	4	20.3	12	12.3	0.0
7 BEAUFORT	8	13.5	26	8.5	0.0
8 BERTIE	3	10.7	21	14.0	0.0
9 BLADEN	8	17.6	30	14.0	0.0
10 BRUNSWICK	13	17.1	37	10.2	0.0
11 BUNCOMBE	21	9.0	98	8.3	0.0
12 BURKE	14	13.9	54	10.7	0.0
13 CABARRUS	12	8.4	60	8.3	0.0
14 CALDWELL	10	10.1	63	12.6	0.0
15 CAMDEN	3	52.6	7	19.3	0.0
16 CARTERET	6	9.2	32	9.3	0.0
17 CASHWELL	5	19.3	18	13.4	0.0
18 CATAWBA	14	8.0	86	9.7	0.0
19 CHATHAM	4	7.7	19	6.8	0.0
20 CHEROKEE	1	3.9	8	6.9	0.0
21 CHOWAN	2	11.1	12	12.4	0.0
22 CLAY	1	14.9	1	2.9	0.0
23 CLEVELAND	16	12.2	73	10.9	0.0
24 COLUMBUS	15	21.3	56	14.9	0.0
25 CRAVEN	12	8.0	85	10.7	0.0
26 CUMBERLAND	77	13.4	326	11.4	0.0
27 CURRITUCK	3	17.1	15	15.5	0.0
28 DARE	2	6.6	13	8.1	0.0
29 DAVIDSON	21	12.3	88	9.9	0.0
30 DAVIE	5	15.2	16	9.2	0.0
31 DUPLIN	10	16.3	43	13.8	0.0
32 DURHAM	37	12.0	175	11.3	0.0
33 EDGEcombe	20	21.4	66	13.8	0.0
34 FORSYTH	45	11.6	257	12.8	0.0
35 FRANKLIN	8	15.9	45	17.0	0.0
36 GASTON	23	8.9	136	9.9	0.0
37 GATES	1	9.9	6	9.6	0.0
38 GRAHAM	0	0.0	9	19.2	0.0
39 GRANVILLE	7	13.5	29	10.3	0.0
40 GREENE	5	27.6	19	18.9	0.0
41 GUILFORD	47	9.2	281	10.8	0.0

* SEE SECTIONS I AND II

MORTALITY STATISTICS FOR 1993, NORTH CAROLINA RESIDENTS
 INFANT DEATHS(PER 1000 LIVE BIRTHS) CONT'D.

COUNTIES (CONT'D)	NUMBER OF DEATHS 1993	DEATH RATE* 1993	NUMBER OF DEATHS 1989-93	DEATH RATE* 1989-93	ADJUSTED DEATH RATE* 1989-93
42 HALIFAX	14	15.0	82	17.5	0.0
43 HARNETT	10	7.9	60	9.7	0.0
44 HAYWOOD	4	7.3	24	8.7	0.0
45 HENDERSON	3	3.5	31	7.4	0.0
46 HERTFORD	6	19.5	31	17.8	0.0
47 HOKE	6	14.5	34	15.9	0.0
48 HYDE	0	0.0	2	5.4	0.0
49 IREDELL	18	13.0	65	9.2	0.0
50 JACKSON	1	3.3	13	8.3	0.0
51 JOHNSTON	9	6.8	48	7.2	0.0
52 JONES	0	0.0	10	14.5	0.0
53 LEE	10	14.7	45	13.4	0.0
54 LENOIR	13	14.7	62	14.3	0.0
55 LINCOLN	13	19.7	30	8.4	0.0
56 MCDOWELL	2	4.2	12	5.1	0.0
57 MACON	4	16.5	11	8.9	0.0
58 MADISON	1	5.5	9	9.4	0.0
59 MARTIN	4	11.7	26	14.0	0.0
60 MECKLENBURG	87	9.8	468	10.6	0.0
61 MITCHELL	1	6.0	5	5.8	0.0
62 MONTGOMERY	4	11.9	21	11.5	0.0
63 MOORE	7	8.8	44	11.1	0.0
64 NASH	12	9.9	61	9.9	0.0
65 NEW HANOVER	13	7.3	79	9.0	0.0
66 NORTHAMPTON	2	7.3	16	10.4	0.0
67 ONSLOW	28	8.7	170	10.2	0.0
68 ORANGE	10	8.9	50	8.7	0.0
69 PAHLICO	1	9.3	7	10.8	0.0
70 PASQUOTANK	8	17.3	35	14.4	0.0
71 PENDER	4	9.6	19	8.8	0.0
72 PERQUIMANS	2	15.7	10	14.9	0.0
73 PERSON	7	15.8	20	9.1	0.0
74 PITT	18	10.7	132	15.4	0.0
75 POLK	1	6.6	7	8.8	0.0
76 RANDOLPH	9	5.9	64	8.4	0.0
77 RICHMOND	6	8.5	41	11.8	0.0
78 ROBESON	22	11.3	118	12.1	0.0
79 ROCKINGHAM	13	11.2	52	8.9	0.0
80 ROWAN	10	6.9	72	9.4	0.0
81 RUTHERFORD	13	16.6	61	14.9	0.0
82 SAMPSON	6	8.6	42	12.0	0.0
83 SCOTLAND	12	22.3	54	18.8	0.0
84 STANLY	7	10.6	31	8.5	0.0
85 STOKES	8	16.3	24	10.2	0.0
86 SURRY	4	4.9	29	6.9	0.0
87 SWAIN	3	18.5	15	16.5	0.0
88 TRANSYLVANIA	2	6.8	11	7.4	0.0
89 TYRRELL	0	0.0	2	7.9	0.0
90 UNION	14	9.7	63	8.7	0.0
91 VANCE	3	4.4	33	9.6	0.0
92 WAKE	72	9.8	352	10.0	0.0
93 WARREN	4	19.0	16	14.2	0.0
94 WASHINGTON	1	4.9	17	15.8	0.0
95 WATAUGA	4	11.1	11	6.2	0.0
96 WAYNE	15	9.4	84	10.2	0.0
97 WILKES	7	9.2	45	11.9	0.0
98 WILSON	14	13.7	49	9.8	0.0
99 YADKIN	3	7.3	10	5.1	0.0
100 YANCEY	0	0.0	9	9.6	0.0

* SEE SECTIONS I AND II

STATE CENTER FOR HEALTH AND ENVIRONMENTAL STATISTICS
 DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

Infant Deaths

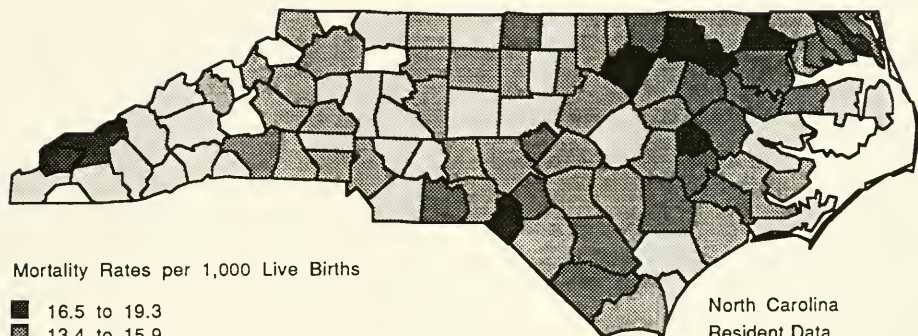


Figure 22

Department of Environment, Health, and Natural Resources
State Center for Health and Environmental Statistics
P. O. Box 29538
Raleigh, N.C. 27626-0538
919/733-4728

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